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VOL. V. SO—Z.



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PREFACE.

THIS, the fifth volume of the Catalogue of the Collection of Books, Maps, &c., in the Natural History branch of the British Museum, brings the series of entries under the authors' names down to the end of the alphabet. The first sheet of the volume was passed for press in June 1913.

The lines on which it has been prepared have been fully set forth in the "Introduction" to the first volume.

Thanks for assistance in its production are due to the persons already mentioned in the Prefaces and Introduction to the preceding volumes.

L. FLETCHER,

Director.

BRITISH MUSEUM (NATURAL HISTORY),

June 26th, 1915.

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SOALHEIRA.—Collegio de S. Fiel.

Broteria : revista de ciencias naturaes do Collegio, &c.
 Vol. I → 1902 → *illustr.* 8°. Lisboa, 1902 →

SOAREZ D'ALBERGARIA (LOPEZ) Kurze Nachricht von der Portugiesen Thaten in Indien... 1516-21, unter... L. Soarez. See ARKSTEE () & MERKUS () Allgemeine Historie der Reisen, &c. Bd. I. 4°. 1747.

SOBOLEV (DĪMĪTRIĪ NĪKOLAEVĪCH)

Osnovnuiya chertui, stratigraphii i tektoniki Siluriiskikh otlozhenii Kyeletzko-Sandomirskagho kryazha. [On the principal features, stratigraphy and tectony of the Silurian strata of the Kyeletzk-Sandomirsk ridge.] pp. 36 : 2 pls. col.

Fauna drevnyeishikh srednedevonskikh otlozhenii tzarstva Pol'skagho. [Fauna of the middle Devonian strata of Poland.] pp. 7 : 1 pl.

See WARSAW. — OBSSHCHESTVO ESTESTVOISPUITATELEĪ, &c. Protokolui... otdyelenie Biologhii. Ghod. XI. 8°. 1901.

SOBOLEWSKJ (GREGORIUS) Flora Petropolitana. Sistens Plantas in gubernio Petropolitano sponte crescentes, tam eas quæ olim in Flora Ingrica Krascheninnikovii a Gortero enumeratæ sunt quam novas post... 1764... detectas... cum additione variarum observationum, atque Russica Plantarum denominatione, &c. pp. vii, 354. 8°. Petropoli, 1799.

SOBOTTA (JOHANNES) Beobachtungen über den Gastrulationsvorgang beim *Amphioxus*. pp. 21 : 1 pl., text *illustr.* See WURZBURG. — PHYSIKALISCH-MEDICINISCHE GESELLSCHAFT. Verhandlungen, &c. Neue Folge, Bd. XXXI, no. 2. 8°. 1897.

Sobotta (J.) Die morphologische Bedeutung der Kupfer'schen Blase. Ein Beitrag zur Gastrulation der Teleostier. pp. 17 : 1 pl., text *illustr.* See WURZBURG. — PHYSIKALISCH-MEDICINISCHE GESELLSCHAFT. Verhandlungen, &c. Neue Folge, Bd. XXXII, no. 3. 8°. 1898.

Sobotta (J.) Ueber die Richtungsteilungen des Säugetiereies, speziell über die Frage der Zahl der Richtungskörper. pp. 21. See WURZBURG. — PHYSIKALISCH-MEDICINISCHE GESELLSCHAFT. Verhandlungen, &c. Neue Folge, Bd. XXXIX, no. 5. 8°. 1908.

SOBRERO (ASCANIO) [1812-1888] Proposta di un nuovo metodo d'osservazione delle Stelle Cadenti. pp. 7. 8°. [Turin, &c.,] (1865.)

Reprinted from the "Gazzetta Ufficiale del Regno d'Italia." No. 17.

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SOCIETATUM LITTERÆ. Verzeichniss der in
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8°. Berlin, 1888-1900.

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[1888 Founded.
1890 Amalgamated with the Metropolitan Scientific Association to form the London Amateur Scientific Society (q.v.)]

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[By D. B. Bain.] pp. 4. 4°. [Adelaide, 1881.]

South Australia. Herbert River and North-eastern
Exploring Expedition ... Plan and Report of Mr. [C.]
Winnecke's Exploration from Alice Springs to the Her-
bert River and Tennant's Creek. pp. 34 : 1 map.
4°. [Adelaide, 1882.]

South Australia. Water Supply of the Interior.
Report on locality and water supply of travelling routes
to the Interior, by the Deputy Surveyor-General (...
J. W. Jones). pp. 12. 4°. [Adelaide, 1882.]

South Australia. Water conservation and develop-
ment. (By G. W. Goyder.) pp. 7. 4°. [Adelaide, 1883.]

South Australia. Notes on the Echunga Goldfields.
By H. Y. L. Brown, &c. pp. 6 : 1 map *geol. col.*
4°. Adelaide, 1885.

South Australia. South Australia. Catalogue of the
mineral exhibits from the province, &c. See LONDON.
—*International Exhibition of Mining and Metallurgy*,
1890. 8°. 1890.

— [Second edition.] 8°. 1890.

South Australia. Journal of the Central Australian
Exploring Expedition, 1889, under command of W. H.
Tietkens ... With ... list of Botanical specimens, de-
scribed by Baron Sir F. von Müller ... and ... R. Tate
... also catalogue of Geological specimens, described
by H. Y. L. Brown ... with Geological sketch of the
country passed over. pp. 84 : 2 maps (*geol. col.*)
8°. Adelaide, 1891.

South Australia. Journal of the Elder scientific Ex-
ploring Expedition, 1891–2. Under command of D.
Lindsay, &c. pp. 207 : 2 maps (1 *geol. col.*)
8°. Adelaide, 1893.

South Australia. The province of South Australia,
written for the ... Government by J. D. Woods ; with
a sketch of the Northern Territory, by H. D. Wilson.
pp. 446. 8°. Adelaide, 1894.

South Australia. Journal, etc., of the Horn scientific Exploring Expedition to Central Australia . . . by C. Winnecke, &c. pp. 32: 14 pls., 3 maps. 4^o. Adelaide, 1896.

South Australia. Journal of the Horn scientific Exploring Expedition, 1894, by C. Winnecke . . . With . . . report of the physical Geography of Central Australia, by . . . R. Tate and J. A. Watt. pp. 86, 1 tab.: 23 pls., 3 maps. 8^o. Adelaide, 1897.

South Australia. The Year-Book of South Australia. 1898 (— 1899) . . . Compiled by the Editor of the Year-Book of Australia, &c. 2 Vol. 8^o. [London? 1898, 99.]

South Australia. Prospecting expedition north of Nullarbor Plains. Report of . . . F. R. George, &c. pp. 4: 1 map. 4^o. [Adelaide, 1905.]

SOUTH AUSTRALIA.—DEPARTMENT OF AGRICULTURE.
Rust in Wheat Conference. Third Session, 1892 . . . Report of the proceedings, &c. pp. 74: 3 diags. 4^o. Adelaide, 1892.

For Report of the Second Session, See NEW SOUTH WALES.—Department of Agriculture & Forests.

SOUTH AUSTRALIA.—DEPARTMENT OF MINES.
Handbook of Mining, &c. pp. 16: 3 pls., 5 maps (col.) 8^o. Adelaide, 1901.

South Australia.—DEPARTMENT OF MINES.
A (short) review of Mining operations in . . . South Australia during the half year [or year], &c. No. 1— 8^o. Adelaide, 1904—

South Australia.—DEPARTMENT OF MINES.
The occurrence of Uranium (Radio-Active) Ores and other rare Metals and Minerals in South Australia . . . Reports . . . Compiled by L. C. E. Gee . . . under the authority of the . . . Minister of Mines. pp. 12: 4 pls., 1 map, 1 text illust. 8^o. Adelaide, 1911.
Contains:—"Reports by H. Y. L. Brown . . . H. L. Hancock . . . Extracts from report by . . . D. Mawson . . . Summaries of reports by S. Radcliff . . . and E. C. Johnson," &c.

SOUTH AUSTRALIA.—GEOLOGICAL SURVEY.
Bulletin No. 1— 8^o. Adelaide, 1912—
Each number contains a separately-paged paper.

South Australia.—GEOLOGICAL SURVEY.
Report No. 1— 8^o. Adelaide, 1912—
Each number contains a separately-paged paper.

South Australia.—GEOLOGICAL SURVEY.
(First) Annual Report of the Government Geologist (H. Y. L. Brown) . . . December . . . 1882, to December . . . 1883. pp. 20: 8 pls., 1 plan geol. col., 1 map geol. col. 8^o. Adelaide, 1884.

Contains, *inter alia* :—
Lists of Minerals found in South Australia . . . compiled by . . . G. Goyder, Jun., &c.

— for year ended June 30th, 1894. pp. 26: 4 pls., 5 maps geol. col. 4^o. Adelaide, 1894.

Contains, *inter alia* :—
Official Contributions to the Palæontology of South Australia. No. 6 & 7. By R. Etheridge, Junr. [g.v.]

South Australia.—GEOLOGICAL SURVEY.
Report of Government Geologist [on the Geology of the neighbourhood of Flinders Range]. pp. 5: 3 pls. col., 1 map col. 4^o. Adelaide, 1883.

South Australia.—GEOLOGICAL SURVEY.
Reports on Geology of country east of Farina, and northward to Lat. 23° 10'. (By H. P. Woodward.) pp. 5: 1 map. 4^o. [Adelaide, 1885.]

South Australia.—GEOLOGICAL SURVEY.
Report on the Geological character of country passed over from Port Augusta to Eucla. By H. Y. L. Brown. pp. 7: 1 map geol. col. 4^o. Adelaide, 1885.

South Australia.—GEOLOGICAL SURVEY.
Report on the Geological character of Barossa and Para Wirra. By H. Y. L. Brown. pp. 5: 1 map geol. col. 4^o. Adelaide, 1886.

South Australia.—GEOLOGICAL SURVEY.
Notes on Geological Map of Gumeracha and Mount Crawford Goldfields. By H. P. Woodward, &c. pp. 4: 1 map geol. col. 4^o. Adelaide, 1887.

The map is entitled:—"Geological Map of the eastern reserved portion of the hundred of Para Wirra, known as the Mount Crawford and Gumeracha diggings, and reserved sections in the north of Talunga. Scale 2 in. to 1 m."

South Australia.—GEOLOGICAL SURVEY.
[A Record of the Mines of South Australia, &c. 8^o. Adelaide, 1897.]

Wanting.

— [Second edition.] Prepared . . . by H. Y. L. Brown . . . Government Geologist. Specially . . . for the Mining Exhibition. pp. x, 138, 1 tab.: 1 map. 8^o. Adelaide, 1890.

A third edition was issued in May 1899.

— Supplementary issue, &c. (Supplementary Mining records . . . by the Government Geologist . . . and other Departmental reports. Compiled and edited by L. C. E. Gee.) pp. iv, 100. 8^o. Adelaide, 1905.

— Fourth edition, &c. pp. [ii.], 382, 1 tab.: 1 map (col.) 8^o. Adelaide, 1908.

South Australia.—GEOLOGICAL SURVEY.
Report on the Uooloo Goldfield. By H. Y. L. Brown. pp. 2: 1 map geol. col. 4^o. Adelaide, 1887.

South Australia.—GEOLOGICAL SURVEY.
Geological Map of the Tertiary deposits of the hundred of Barossa, with explanatory notes, by H. Y. L. Brown. pp. 4: 1 map geol. col. 4^o. Adelaide, 1889.

South Australia.—GEOLOGICAL SURVEY.
Report on a journey from Adelaide to Hale River, by H. Y. L. Brown. pp. 7: 1 pl., 1 map. 4^o. Adelaide, 1889.

South Australia.—GEOLOGICAL SURVEY.
Report of Geological examination of country in the neighborhood of Alice Springs, by H. Y. L. Brown. pp. 8: 1 map (col.) 4^o. Adelaide, 1890.

South Australia.—GEOLOGICAL SURVEY.
Report on journey from Warrina to Musgrave Ranges. By H. Y. L. Brown. pp. 6: 1 pl., 1 map. 4^o. Adelaide, 1890.

South Australia.—GEOLOGICAL SURVEY.
Reports on Coal-bearing area in neighborhood of Leigh's Creek, by . . . H. Y. L. Brown, Government Geologist. pp. 14: 4 pls. (col.), 1 map geol. col. 4^o. Adelaide, 1891.

Contains also :—

1. Description of some South Australian Silurian and Mesozoic Fossils, by R. Etheridge, Junr.
2. On the occurrence of an *Orthis* allied to *O. Actonia*, J. De C. Sby., and *O. flabellulum*, J. De C. Sby., in the Lower Silurian Rocks of Central Australia. By R. Etheridge, Junr.

These are reckoned as No. 1 & 2 of "Official Contributions to the Palæontology of South Australia."

South Australia.—GEOLOGICAL SURVEY.
Further Geological examination of Leigh's Creek and Hergott districts; also, Report upon a shale deposit in the Encounter Bay district, by the Government Geologist [H. Y. L. Brown], &c. pp. 14: 2 pls., 1 map geol. col. 4^o. Adelaide, 1892.

Contains also the following :—

1. On the occurrence of the genus *Phyllopteris* (Brong.), Saporta, (? *Angiopteridium*, Schimper) in the Mesozoic beds of Central Australia. By R. Etheridge, Junr.
2. On a species of *Asaphus* from the Lower Silurian Rocks of Central Australia. By R. Etheridge, Junr.

These are reckoned as "Official Contributions to the Palæontology of South Australia," No. 3 & 4.

South Australia.—GEOLOGICAL SURVEY.

Report on country in the neighborhood of Lake Eyre, by . . . H. Y. L. Brown. *pp. 5 : 2 pls., 1 map.*
4^o. Adelaide, 1892.

South Australia.—GEOLOGICAL SURVEY.

Catalogue of South Australian Minerals, with the mines and other localities where found ; and brief remarks on the mode of occurrence of some of the principal Metals and Ores. By H. Y. L. Brown, &c. *pp. 34.*
8^o. Adelaide, 1893.

South Australia.—GEOLOGICAL SURVEY.

Official Contributions to the Palæontology of South Australia. No. 5. Additional Silurian and Mesozoic Fossils from Central Australia. By R. Etheridge. *pp. 8 : 1 pl.*
4^o. Adelaide, 1893.

"The above is published as a Supplement to Mr. Etheridge's previous Official Papers on South Australian Lower Silurian and Mesozoic Fossils, which have been published with the Reports of this Department on the Leigh's Creek and Hergott districts."

For "Official Contributions," &c., No. 6 & 7, See *supra*, Annual Report of the Government Geologist for the year ended 30th June, 1894.

South Australia.—GEOLOGICAL SURVEY.

Reports on Arltunga Gold Field and Hart's Range Mica Field ; and Explorations north-east of Hart's Range, north-west of Alice Springs, and of the Frew River Country . . . By H. Y. L. Brown, Government Geologist, &c. *pp. 16 : 2 pls. (1 col.), 4 maps geol. col.*
4^o. Adelaide, 1897.

Contains also :—

Official Contributions to the Palæontology of South Australia. By R. Etheridge.

No. 9. On the occurrence of *Olenellus* in the Northern Territory.

" 10. The Permo-Carboniferous Fossils of Treachery Bay, Victoria River.

South Australia.—GEOLOGICAL SURVEY.

Record of the Mines of South Australia : The Balhannah Mine, &c. *pp. 12 : 3 plans (geol. col.)*
8^o. Adelaide, 1898.

South Australia.—GEOLOGICAL SURVEY.

Record of the Mines of South Australia : The Mannahill Goldfield, &c. *pp. 11 : 2 plans, 1 map col.*
8^o. Adelaide, 1898.

South Australia.—GEOLOGICAL SURVEY.

Record of the Mines of South Australia : The Wadnaminga Goldfield . . . by H. Y. L. Brown. *pp. 12 : 9 pls., 3 maps geol. col.*
8^o. Adelaide, 1898.

South Australia.—GEOLOGICAL SURVEY.

Report on explorations in western part of South Australia, by H. Y. L. Brown, Government Geologist, &c. *pp. 7 : 2 pls. (1 col.), 1 map geol. col.* 4^o. Adelaide, 1898.

Contains also :—

Official Contributions to the Palæontology of South Australia. By R. Etheridge, Junr. No. 11. Plant Remains from the South Australian and Queensland border, approximate lat. 25° 55' S., long. 139° 25' E.

South Australia.—GEOLOGICAL SURVEY.

Record of the Mines of South Australia : Report on the Gold discovery at Tarcoola, the Enterprise Mine, the Earea Dam Tin find and the Mount Gunson Copper Mine . . . by H. Y. L. Brown. *pp. 7 : 1 plan.*
8^o. Adelaide, 1900.

South Australia.—GEOLOGICAL SURVEY.

Record of the Mines of South Australia : Report on Geological exploration of the Tarcoola District . . . by H. Y. L. Brown. *pp. 7 : 1 map geol. col.*
8^o. Adelaide, 1901.

South Australia.—GEOLOGICAL SURVEY.

[Official] Contributions (No. 12 and 13) to the Palæontology of South Australia. By R. Etheridge, Junr. *pp. 4 : 2 pls.*
4^o. Adelaide, 1902.

No. 12. More complete evidence of *Thian'sfeldia odontopteroides*, Morris, in the Leigh Creek Coal Measures.

" 13. Evidence of further Cambrian Trilobites.

South Australia.—GEOLOGICAL SURVEY.

Record of the Mines of South Australia : Tarcoola and the north-western district . . . By H. Y. L. Brown. *pp. 29 : 1 map geol. col., 1 plan.* 8^o. Adelaide, 1902.

South Australia.—GEOLOGICAL SURVEY.

Report on the White Range Gold Mines, Arltunga Goldfield. *pp. 8 : 1 map col.* 4^o. Adelaide, 1902.

South Australia.—GEOLOGICAL SURVEY.

Report on the Gold discoveries near Winnecke's Dépôt and Mines on the Arltunga Goldfields, Macdonnell Ranges . . . By . . . H. Y. L. Brown. *pp. 8 : 1 map.*
4^o. Adelaide, 1903.

South Australia.—GEOLOGICAL SURVEY.

A short review of Mining operations in the State of South Australia during . . . 1903, &c. *pp. 12.*
8^o. Adelaide, 1904.

South Australia.—GEOLOGICAL SURVEY.

Report on Geological explorations in the west and north-west of South Australia. Prepared . . . by H. Y. L. Brown . . . Government Geologist, &c. *pp. 17 : 3 pls., 1 map geol. col.*
4^o. Adelaide, 1905.

Contains also :—

[Official] Contributions to the Palæontology of South Australia. By R. Etheridge, Junr. No. 14. Cretaceous Fossils from Dalhousie Springs.

South Australia.—GEOLOGICAL SURVEY.

Official Contributions (No. 17 to 22) to the Palæontology of South Australia, by R. Etheridge, Junr., and Record of Northern Territory Boring operations, [by] H. Y. L. Brown, Government Geologist, &c. *pp. 21 : 12 pls.*
4^o. Adelaide, 1907.

No. 17. Permo-Carboniferous Fossils of Cape Dombey, Hyland Bay, and Cape Ford, Anson Bay.

" 18. Carboniferous Fossils from Fossil Head, Treachery Bay, Victoria River Estuary.

" 19. Fossils of the Port Keats Bore, &c.

" 20. The Cretaceous Fossils of Point Charles, Port Darwin.

" 21. The Cretaceous Fossils of Shoal Bay, &c.

" 22. The Cretaceous Fossils of Maclear Creek, Cape Gambier, Melville Island.

South Australia.—GEOLOGICAL SURVEY.

Report on the Geology of the country south and east of the Murray River, &c. *pp. 7 : 1 pl. col., 1 map geol. col.*
4^o. Adelaide, 1910.

SOUTH AUSTRALIA.—GEOLOGICAL SURVEY.

[Maps.]

Geological sketch Map of South Australia, exclusive of the Northern Territory . . . [by] H. Y. L. Brown, Government Geologist. [Scale 1 in. = 40 m.]
s.sh. Adelaide, 1884.

Issued with the first Annual Report, 1882-3.

— [Another edition entitled :] Geological Map, &c.

s.sh. Adelaide, 1887.

Issued with "A Record of the Mines of South Australia," by H. Y. L. Brown.

South Australia.—GEOLOGICAL SURVEY. [Maps.]

Geological Map of South Australia . . . By H. Y. L. Brown . . . Scale 16 miles to 1 inch.

4 sh. col. Adelaide, 1899.

SOUTH AUSTRALIA.—GOVERNMENT BOTANIC GARDEN.

Report of Director of Adelaide Botanic Garden, 1871. [By] R. Schomburgk . . . Director. 4^o. Adelaide, 1872.

[Continued as :]

Report on the progress and condition of the Botanic Garden and Government Plantations. 1872-88.

4^o. Adelaide, 1873-89.

Wanting the Reports for 1873, 1875 & 1886.

South Australia.—GOVERNMENT BOTANIC GARDEN.
Catalogue of the Plants under cultivation in the
Government Botanic Garden, Adelaide, South Aus-
tralia. [By] R. Schomburgk . . . Director. *pp. xiii, 200.*
8°. *Adelaide*, 1871.

— [Another edition.] *pp. xix, 285 : 16 pls.*
8°. *Adelaide*, 1878.

SOUTH AUSTRALIA.—GOVERNMENT GEOLOGIST'S
DEPARTMENT. *See supra, Geological Survey.*

SOUTH AUSTRALIA.—Northern Territory.
Bulletin, &c. No. 1—→ 8°. *Melbourne*, 1912—→
Each number contains a separately-paged paper.

South Australia.—Northern Territory.
Prof. [R.] Tate's Report . . . on the Mineralogical, &c.,
features of the Northern Territory. *pp. 6 : 2 maps geol.*
col. 4°. [*Adelaide*, 1882.]

South Australia.—Northern Territory.
Report on Northern Territory Explorations, by . . .
H. Y. L. Brown, Government Geologist. *pp. 34 : 10 pls.*
(col.), 5 maps geol. col. 4°. *Adelaide*, 1895.

Appendix contains:—

Official Contributions to the Palæontology of South Australia. By
R. Etheridge, Junr. [No. 8.] Preliminary Report on Fossils collected
in the Northern Territory, &c.

South Australia.—Northern Territory.
Northern Territory of South Australia, north-western
district. Reports (Geological and General) resulting
from the explorations made by the Government Geo-
logist and Staff during 1905, &c. (Itinerary and Miscel-
laneous Papers.) *pp. 42, 53 : 5 pls. (col.), 2 maps (1 geol.*
col.), text illust. 4°. *Adelaide*, 1906.

Contains also:—

Official Contributions to the Palæontology of South Australia. By
R. Etheridge, Junr.

No. 15. Preliminary Report on other Fossils . . . of South Australia
(Northern Territory).

„ 16. Cambrian Limestone on the Daly River, Northern Territory.

South Australia.—Northern Territory.
Record of Northern Territory boring operations.
See supra, GEOLOGICAL SURVEY. Official Contribu-
tions (No. 17 to 22) to the Palæontology of South
Australia, &c. 4°. 1907.

South Australia.—Northern Territory.
Northern Territory of South Australia. Government
Geologist's Reports on recent Mineral discoveries, and
further record of Northern Territory Boring operations.
pp. 13 : 8 pls. 4°. *Adelaide*, 1908.

South Australia.—Northern Territory.
Northern Territory of South Australia: north and
eastern coasts. Report, Geological reconnaissance from
Van Dieman Gulf to the McArthur River, etc., made
by the Government Geologist in 1907, &c. *pp. 12 :*
1 map geol. col. 4°. *Adelaide*, 1908.

South Australia.—Northern Territory.
Government Geologist's Report of the Tanami Gold
country. [By H. Y. L. Brown.] *pp. 12 : 4 maps (col.)*
4°. *Adelaide*, 1909.

South Australia.—Northern Territory.
General Report on Tanami Goldfield and district (north-
western Central Australia). . . By L. C. E. Gee. *pp. 22 :*
1 map, text illust. 4°. *Adelaide*, 1911.

SOUTH AUSTRALIA.—Northern Territory.
[Maps.]
Map of the Northern Territory, showing overland tele-
graph line. [Scale 1 in. = 40 m.] s.sh. *Adelaide* [1880?]

South Australia.—Northern Territory. [Maps.]
Plan shewing natural features of trigonometrical sur-
vey [of part of Rosebery county near Port Darwin].
The Geological & Mineralogical data inserted by R. Tate.
[Scale 1 in. = 2½ m.] s.sh. col. *Adelaide*, 1882.

South Australia.—Northern Territory. [Maps.]
Plan shewing explorations by Mr. Winnecke copied . . .
in the office of the Surveyor General. [Scale 1 in. = 8 m.]
2 sh. *Adelaide*, 1884.

South Australia.—Northern Territory. [Maps.]
Geological Map of the Northern Territory . . . prepared
. . . by H. Y. L. Brown . . . Physical Geography com-
piled by C. Winnecke, &c. Scale 20 miles to an inch.
2 sh. col. *Adelaide*, 1898.

South Australia.—Northern Territory. [Maps.]
See also, PORT DARWIN, N. Coast of Australia.

SOUTH AUSTRALIA. [Maps.] South Australia,
shewing the division into counties of the settled por-
tions of the province, with situation of Mines of Copper
and Lead, from the surveys of Capt. Frome, &c. [Scale
1 in. = 15 m.] s.sh. col. *London*, 1858.

South Australia. [Maps.] Map of South Australia,
exclusive of the Northern Territory, compiled . . . under
the direction of G. W. Goyder, Surveyor General.
[Scale 1 in. = 8 m.] 15 sh. *Adelaide*, 1880.

South Australia. [Maps.] Map of South Australia,
exclusive of the Northern Territory, compiled . . . under
the direction of G. W. Goyder, Surveyor General.
[Scale 1 in. = 16 m.] 2 sh. *Adelaide*, 1883.

South Australia. [Maps.] *See SANDS (J.) The*
new Atlas of Australia, &c. Pt. iv. fol. 1886.

South Australia. [Maps.] Plan of the southern
portion of the province of South Australia . . . Com-
piled in the office of the Surveyor General. [Scale
1 in. = 16 m.] s.sh. col. *Adelaide*, 1886.

South Australia. [Maps.] Map of the southern
portion of South Australia, 1911 . . . Scale [1 in. = 16 m.
about], &c. s.sh. col. *Adelaide*, 1911.

South Australia. [Maps.] [For Geological Maps of
South Australia] *See supra, Geological Survey.*

SOUTH AUSTRALIAN INSTITUTE.
See ADELAIDE.

SOUTH AUSTRALIAN MUSEUM.
See ADELAIDE.—*Public Library, Museum and Art*
Gallery of South Australia.

SOUTH CAROLINA, State of.—*Geological Survey.*
Report on the Geology of South Carolina; by M.
Tuomey. (Appendix.) *pp. iv, 293 (lvi) : 1 pl. col.,*
2 maps (1 col.), text illust. 4°. *Columbia, S.C.*, 1848.

Appendix contains:—

Catalogue of the Fauna of South Carolina. [By L. R. Gibbes.]
Vanuxem's report [of the Minerals collected].

SOUTH DAKOTA GEOLOGICAL SURVEY.
See VERMILLION.—UNIVERSITY OF SOUTH DAKOTA.—
South Dakota Geological Survey.

SOUTH DAKOTA SCHOOL OF MINES.
Bulletin, &c. No. 2—→ 8°. *Rapid City, S.Da.*, 1899—→
Wanting No. 1, 3, 4 & 6.

SOUTH EASTERN AGRICULTURAL COLLEGE. See WYE, Kent.

SOUTH EASTERN NATURALIST, The. The Journal (—Transactions) of the associated Natural History Societies of the south east of England. Papers and Notes by the members of the East Kent Natural History Society and of the Dover Field Club ([afterwards] Dover Natural History and Antiquarian Society). Vol. I—II, pt. 2.† 8°. *Canterbury*, 1890–99.

The title of this Journal was then taken by the South Eastern Union of Scientific Societies [q.v.] for their publication.

SOUTH EASTERN NATURALIST, The; being the Transactions of the South-eastern Union of Scientific Societies. 1900— See SOUTH EASTERN UNION OF SCIENTIFIC SOCIETIES. 8°. 1900—

SOUTH EASTERN UNION OF SCIENTIFIC SOCIETIES.

[Founded 1896. Consisting of the following Societies:—

CITY OF LONDON ENTOMOLOGICAL SOCIETY.
CITY OF LONDON COLLEGE SCIENCE SOCIETY.
NORTH LONDON NATURAL HISTORY SOCIETY.
SOUTH LONDON ENTOMOLOGICAL SOCIETY.
CLAPHAM Y.M.C.A. NATURAL SCIENCE CIRCLE.
SELBORNE SOCIETY.
BALHAM ANTIQUARIAN AND NATURAL HISTORY SOCIETY.
CROYDON MICROSCOPICAL AND NATURAL HISTORY CLUB.
CROYDON CAMERA CLUB.
HOLMESDALE NATURAL HISTORY CLUB (REIGATE).
WOKING FIELD CLUB.
BRIGHTON AND HOVE NATURAL HISTORY & PHILOSOPHICAL SOCIETY.
EASTBOURNE NATURAL HISTORY SOCIETY.
HASTINGS AND ST. LEONARD'S NATURAL HISTORY SOCIETY.
HORSHAM MUSEUM SOCIETY.
BROMLEY NATURALISTS' SOCIETY.
CATFORD AND DISTRICT NATURAL HISTORY SOCIETY.
DOVER NATURAL HISTORY SOCIETY.
EAST KENT NATURAL HISTORY SOCIETY.
FOLKESTONE NATURAL HISTORY SOCIETY.
NEW BROMPTON NATURALISTS' SOCIETY.
NORTH KENT NATURAL HISTORY AND SCIENTIFIC SOCIETY.
ROCHESTER NATURALISTS' CLUB.
SEVENOAKS NATURAL HISTORY SOCIETY.
SIDCUP LITERARY AND SCIENTIFIC SOCIETY.
SOUTHBOROUGH FIELD CLUB.
TUNBRIDGE WELLS AMATEUR PHOTOGRAPHIC SOCIETY.
TUNBRIDGE WELLS HIGH SCHOOL NATURAL HISTORY SOCIETY.
TUNBRIDGE WELLS NATURAL HISTORY AND PHILOSOPHICAL SOCIETY.
WEST KENT NATURAL HISTORY SOCIETY.
WOOLWICH AND DISTRICT ANTIQUARIAN SOCIETY.
PORTSMOUTH AND GOSPORT NATURAL HISTORY SOCIETY.]

The Transactions... for 1897. 8°. *Tunbridge Wells*, 1897.

[Continued as:]

Report and Transactions, &c. 1898–99. 8°. *London*, 1898–99.

[Continued as:]

The South Eastern Naturalist: being the Transactions of the Societies, &c. 1900— 8°. *London*, 1900—

South Eastern Union of Scientific Societies.

A Survey and Record of Woolwich and West Kent. Containing descriptions and records, brought up to date, of the Geology, Botany, Zoology, Archaeology and Industries of the district, with a brief Photographic Commentary, in commemoration of the 12th Annual Congress, 1907, of the South Eastern Union of Scientific Societies. General Editors: C. H. Grinling, T. A. Ingram... B. C. Polkinghorne. pp. viii, 526. 8°. *Woolwich*, 1909.

Contains, *inter alia* :—

Geology. By R. H. Chandler, G. E. Dibley, A. L. Leach, A. E. Salter and W. Whitaker.
Botany. Edited by J. F. Bevis and W. H. Griffin (assisted by C. H. Grinling and W. Williams).
Zoology. Edited by J. W. Tutt.
Birds. Compiled by H. J. Turner.
Spiders (False Scorpions). By H. W. Kew.
Hemiptera, Homoptera & Coleoptera. By W. West.
Mollusca. By the Rev. Canon J. W. Horsley.
Prehistoric Period. By B. C. Polkinghorne.

SOUTH KENSINGTON MUSEUM.

See VICTORIA AND ALBERT MUSEUM.

SOUTH LONDON ENTOMOLOGICAL AND NATURAL HISTORY SOCIETY.

[1872 Founded as *South London Entomological Society*.

1884 *South London Entomological and Natural History Society*.]

Report, &c. 1879–84. 5 No. 8°. *London*, 1879–85.
Wanting the No. for 1881.

[Continued as:]

Abstract of Proceedings, &c. 1885–96. 8°. *London* [1885?–97].

[Continued as:]

Proceedings, &c. 1897— 8°. *London* [1898—].

SOUTH LONDON MICROSCOPICAL AND NATURAL HISTORY CLUB. [Founded 1871.]

Report, &c. No. 1–21.† 8°. [*London*,] 1872–92.

SOUTH POLAR TIMES, The. [Issued monthly during the winters of 1902 & 1903 by the members of the British Antarctic Expedition under Capt. Scott, in the “Discovery,” during their sojourn in Antarctic regions.] 2 Vol. *illustr.* (col.) 4°. *London*, 1907.

SOUTHALL (JOHN) A Treatise of Buggs: shewing when and how they were first brought into England, &c. pp. xiv, 44. 8°. *London*, 1730.

Wanting pp. 11–14.

SOUTHAMPTON.—*Botanic Gardens.*

Page's Prodomus; as a general nomenclature of all the Plants, indigenous and exotic, cultivated by him in the... Gardens, &c. See PAGE (W. B.) 4°. 1817.

SOUTHAMPTON.—*Hampshire Field Club.*

See HAMPSHIRE FIELD CLUB.

SOUTHERN (ROWLAND) [Platyhelminia from Clare Island.] pp. 18: 1 text *illustr.* See ROYAL IRISH ACADEMY. Proceedings, &c. Vol. XXI, pt. 56. 8°. 1912.

SOUTHERN CALIFORNIA ACADEMY OF SCIENCES. [Founded 1891.]

Bulletin, &c. Vol. I—*illustr.* 8°. *Los Angeles, Cal.*, 1902—

SOUTHERN SCIENCE RECORD, The. Vol. I & II. 8°. *Melbourne*, 1880–82.

Wanting the title-pages, indexes, and Vol. III.

SOUTHESK, Earl of.

See CARNEGIE (J.) *Earl of Southesk*.

SOUTHEY (THOMAS) The rise, progress and present state of Colonial Sheep & Wools, &c. pp. iv, 93. 8°. *London*, &c., 1851.

SOUTHLAND INSTITUTE. [Founded 1880.]

[For Proceedings, &c.]

See NEW ZEALAND INSTITUTE. Transactions, &c.

SOUTHPORT SOCIETY OF NATURAL SCIENCE. [Founded 1890.]

Report, &c. No. 1— 1890–91— 8°. *Southport*, 1892—

SOUTHWELL (THOMAS) F.L.S. Report on the Anomura collected by Prof. Herdman, at Ceylon, in 1902. See ROYAL SOCIETY OF LONDON. Report... on the Pearl Oyster Fisheries of the Gulf of Manaar, &c. Pt. v. Supplementary Reports, No. 35. 4°. 1906.

SOUTHWELL (THOMAS) F.Z.S. [1831–1909] Observations on the Fauna of Norfolk... New edition, with additions... and notes by T. Southwell. See LUBBOCK (R.) 8°. 1879.

Southwell (THOMAS) *F.Z.S.* The Seals and Whales of the British Seas, &c. *pp. vi* [i], 128 : 12 pls., text illust. 4°. London, 1881.

Southwell (THOMAS) *F.Z.S.* The Birds of Norfolk, with remarks on their habits, migration, and local distribution : by H. Stevenson (continued by T. Southwell). Vol. III. See STEVENSON (H.) 4°. 1890.

Southwell (THOMAS) *F.Z.S.* The Official Guide to the Norwich Castle Museum, &c. See NORWICH.—Norwich Castle Museum. 8°. 1896.

SOUTHWORTH (EFFIE A.) The True Grasses . . . translated . . . by . . . E. A. Southworth, &c. See HACKEL (E.) 8°. 1890.

SOUZA (EMILE J. D') Map of the Malay Peninsula, &c. See MALAY PENINSULA. [Maps.] 1879.

SOUZA MONTEIRO (JOSE MARIA DE)
See MONTEIRO (J. M. DE S.)

SOWERBY, *Family of*. List of Exhibits. Sowerby Exhibition (held) at the Royal Botanic Gardens, December 5th and 6th, 1908. [By J. F. Sowerby.] See ROYAL BOTANIC SOCIETY OF LONDON. 8°. [1908.]

SOWERBY (CHARLES EDWARD) [1795–1842] An Illustrated Catalogue of British Plants, arranged according to the Natural Orders, &c. *pp. 56* : 48 pls. [Illustrated by J. E. Sowerby.] 12°. London, 1841.

SOWERBY (GEORGE BRETTINGHAM) *1st of the name* [1788–1854] The Genera of recent and fossil Shells . . . continued by G. B. Sowerby. See SOWERBY (J.) 8°. 1820–25 [–34].

Sowerby (G. B.) *1st of the name*. A Catalogue of the Shells contained in the collection of the . . . Earl of Tankerville . . . with an appendix, containing descriptions of many new species. *pp. vii, 92, xxxiv* : 8 pls. col. 8°. London, 1825.

The figures of the prices inserted in manuscript are those copied from the catalogue kept in the room at Sowerby's, at the time of the sale, while this copy is also marked to show the specimens purchased by the British Museum and by Dr. Gray. There is also appended an unpublished plate of *Turbo bicarinatus*.

Sowerby (G. B.) *1st of the name*. See ZOOLOGICAL JOURNAL, *The* . . . conducted by . . . G. B. Sowerby. Vol. I & II. 8°. 1825–26.

Sowerby (G. B.) *1st of the name*. Observations on a few of the most remarkable Shells collected by . . . S. Stutchbury on the coast of some of the Islands of the Australasian and Polynesian groups, together with descriptions of a few new species. *pp. 4* : 1 pl. col. 8°. [London? 1829?]

Issued as an appendix to a sale catalogue of Polynesian Shells collected by S. Stutchbury, of which catalogue no trace can now be found.

Sowerby (G. B.) *1st of the name*. Monographs of the genera *Ancillaria*, *Ovulum* and *Pandora*. See BROWDERIP (W. J.) *Species Conchyliorum*, &c. Vol. I, pt. 1. 4°. 1830.

Sowerby (G. B.) *1st of the name*. The Conchological Illustrations, by G. B. Sowerby, Junr. [with text by G. B. Sowerby, 1st of the name]. See SOWERBY (G. B.) *2nd of the name*. 8°. [1832–] 1841.

Sowerby (G. B.) *1st of the name*. The Yorkshire Meteorite. s.sh. [London,] 1835.

Sowerby (G. B.) *1st of the name*. See MALACOLOGICAL AND CONCHOLOGICAL MAGAZINE, *The*. Conducted by G. B. Sowerby. 2 Pt. 4°. 1838 [–39].

Sowerby (G. B.) *1st of the name*. Molluscos Animals and their Shells. See BEECHEY (F. W.) *The Zoology of Capt. Beechey's Voyage*. 4°. 1839.

Sowerby (G. B.) *1st of the name*. Monograph of the genus *Cyclostoma* (—*Columbella*, —*Voluta*, —*Lingula*, —*Terebratula*, —*Orbicula*, *Crania*, *Hipponyx* & *Thecidium*). See SOWERBY (G. B.) *2nd of the name*. *Thesaurus Conchyliorum*, &c. Vol. I. 4°. 1843–46.

Sowerby (G. B.) *1st of the name*. Description of Fossil Shells [from the Tertiary of St. Jago, from St. Helena and from the Palaeozoic rocks of Tasmania]. See DARWIN (C. R.) *Geological Observations on the Volcanic Islands visited during the voyage of H.M.S. 'Beagle'*, &c. Appendix. 8°. 1844.

— [Another issue.] See DARWIN (C. R.) *Geological Observations on Coral Reefs, Volcanic Islands*, &c. Pt. II, Appendix. 8°. 1851.

— Second edition. See DARWIN (C. R.) *Geological Observations on . . . Volcanic Islands . . . Second edition*. Pt. I, Appendix. 8°. 1876.

Sowerby (G. B.) *1st of the name*. [New Pliocene Mollusca and a new Brachiopod from Australia and Tasmania.] See STRZELECKI (P. E. DE) *Physical description of New South Wales and Van Diemen's Land*. 8°. 1845.

Sowerby (G. B.) *1st of the name*. Descriptions of Tertiary Fossil Shells from South America. See DARWIN (C. R.) *Geological Observations on South America*, &c. Appendix. 8°. 1846.

— [Another issue.] See DARWIN (C. R.) *Geological Observations on Coral Reefs . . . and on South America*, &c. Pt. III, Appendix. 8°. 1851.

— [Second edition.] See DARWIN (C. R.) *Geological Observations on . . . Volcanic Islands . . . Second edition*. Pt. II, Appendix. 8°. 1876.

Sowerby (G. B.) *1st of the name*. [Manuscript Catalogue of the Mollusca contained in the Museum of the Company. By G. B. Sowerby.] See EAST INDIA COMPANY. fol. []

SOWERBY (GEORGE BRETTINGHAM) *2nd of the name* [1812–1884] *The Conchological Illustrations*, by G. B. Sowerby, Junr. [pp. iv, 116 :] 200 pls. col. 8°. London, [1832–] 1841.

The text consists of 'Catalogues of the recent species' and 'Lists of the figures': the former, with the exception of those for the genera *Chiton*, *Cardium*, *Murex*, and *Typhis*, are by G. B. Sowerby, 1st of the name. Some of the plates were drawn in 1832, and intended to be issued with text by J. E. Gray [See infra, SOWERBY (G. B.) *2nd of the name*, & GRAY J. E.] A portion of the cancelled text belonging to this edition has been preserved with Dr. Gray's tracts.

For details concerning the dates of publication of the parts of this work, See notes by C. DAVIES SHERBORN and H. O. N. SHAW in "Proc. Malac. Soc. Lond." Vol. VIII, 1909, pp. 331–340.

Sowerby (G. B.) *2nd of the name*. A Conchological Manual. *pp. v* [i], 130, 2 tabs. : 24 pls. (1 col.) 8°. London, 1839.

— Second edition. *pp. vi, 313, 2 tabs. : 27 pls.* 8°. London, 1842.

Interleaved copy, with manuscript notes by F. E. Edwards.

— Fourth edition, &c. *pp. vi* [i], 337, 2 tabs. : 29 pls. col., text illust. 8°. London, 1852.

Sowerby (G. B.) 2nd of the name. *Thesaurus Conchyliorum*, or Monographs of Genera of Shells. Edited by G. B. Sowerby, Junr. [Completed by G. B. Sowerby, 3rd of the name.] 5 Vol. *illust. col.* LARGE PAPER.
4^o. London, (1842-) 1847-87.

Issued in 44 parts, as follows:—Vol. i, pt. 1, pp. 1-39: *pls. i-x*, May, 1842 [Proc. Zool. Soc. ix, p. 101]; [pt. 2-7 from dates of receipt in the Printed Book Department, British Museum] pt. 2, pp. 41-82: *pls. xi-xx*, 2 Nov. 1842; pt. 3, pp. 83-156: *pls. xxi-xxxi*, 28 June, 1843; pt. 4, pp. 83 [bis]-146 [bis]: *pls. xxxii-xl*, 11 April, 1844; pt. 5, pp. 147 [bis]-156 [bis], 157-220: *pls. xli-lv*, 15 Jan. 1845; pt. 6, pp. 221-238: *pls. lvi-lxvii*, 21 Jan. 1846; pt. 7, pp. 239-406: *pls. lxviii-lxxviii*, 27 Nov. 1846; pt. 8, pp. 407-438: *pls. lxxix-xci*, 1847; Vol. ii, pt. 9, pp. 439-484: *pls. xcii-ci*, & *xcii A*, 1849; pt. 10, pp. 485-546: *pls. cii-cxvi*, 1849; pt. 11, pp. 547-608, & Vol. i, pp. 157*-168*: *pls. cxvii-cxxv*, *xcii B* & *ccxii bis*, 1850; pt. 12, pp. 609-654: *pls. cxxvi-cxxxix*, 1851; pt. 13, pp. 655-702: *pls. cxl-cli*, 1852; pt. 14, pp. 703-762: *pls. clii-clxiii*, 1853; pt. 15, pp. 763-846: *pls. clxiv-clxxv*, 1854; pt. 16, pp. 847-899: *pls. clxxvi-clxxxix*, 1855; Vol. iii, pt. 17, pp. 1-24: *pls. clxxxvii-cxxv*, 1857; pt. 18, pp. 25-56: *pls. cxxvi-cxx*, 1858; pt. 19, pp. 57-96: *pls. cxxi-cxxxii*, 1859; pt. 20, pp. 97-172: *pls. cxxiii-cxxxiii*, 1860; pt. 21, pp. 173-206: *pls. cxxxiv-cccliv*, 1862; pt. 22, pp. 207-248: *pls. ccclv-ccclix*, 1863; pt. 23, pp. 249-276: *pls. ccclv-ccclv*, 1864; pt. 24 & 25, pp. 277-331: *pls. ccclvi-ccce*, 1866; Vol. iv, pt. 26-28, *Cypraea*, pp. 1-53: *pls. ccxcii-ccxcviii*, 1870; pt. 29, *Oliva*, *pls. ccxcviii [sic]-cccxli*, 1870; pt. 30, *Oliva*, pp. 1-46: *pls. ccclii-ccclii*, 1871; pt. 31 & 32, *Mitra*, pp. 1-46: *pls. ccclii-ccclxxxix*, 1874; pt. 33 & 34, *Murex*, pp. 1-55: *pls. ccclxxx-cccxlii*, 1879; pt. 35 & 36, *Trophon*, &c., pp. 59-110: *pls. ccclvi-ccclxxxiii*, *ccclxxxiv bis*, *cccxvii**, *cccxviii** & *cccxvii bis*, 1880; Vol. v, pt. 37 & 38, pt. 1-54: *pls. ccclxxxiv-ccclxxxv*, *ccclxxxvi bis*, *ccclx bis* & *ccclxlii bis*, 1882; pt. 39 & 40, pp. 55-120: *pls. ccclxxxv-ccclxxxviii*, 1888; pt. 41 & 42, pp. 121-188: *pls. ccclxxxix-ccclxxxi* & *ccclxxxix bis*, 1884; pt. 43, pp. 189-234: *pls. ccclxxxi-dvi*, 1886; pt. 44, pp. 249-305: *pls. dvii-dxxvii*, *dxxii bis* & *dxxi**, 1887.

There is no *pl. ccxci*, nor *ccc*, while there are two marked *ccclv*. *Pls. ccclxvi-ccclxxx* have been wrongly numbered *cccliii-ccclx*, and *pls. dxxii, dxiv* are numbered *dxixii* & *dxixv*.

In Vol. iv, Monograph on *Murex* and *Trophon*, p. 56 is blank, and pp. 57, 58 are nonextant, whilst in Vol. v there are no pages numbered 235-248.

Most of the monographs are by the editor. The others include:—

Cyclostoma, *Columbella*, *Voluta*, *Lingula*, *Terebratula*, *Orbicula*, *Crania*, *Hippomyx* and *Thecidium*, by G. B. Sowerby, 1st of the name.
Terebra, by R. B. Hinds.
Tellina, *Nuculidæ* and *Solarium*, by S. Hanley.
Cymba and *Melo*, by W. J. Broderip.
Bullidæ, *Eulima*, *Niso*, *Leiostraca*, *Obeliscus*, *Pyramidella*, *Monoplygma*, *Stomatellinæ*, *Cyclostrema*, *Adeorbis* and *Tenostoma*, by A. Adams.
Cemoria, *Cranopsis*, *Zeidora*, *Rimula*, *Emarginula*, *Scutus* and *Tugalia*, by A. Adams and G. B. Sowerby, 2nd of the name.

The last two parts, containing the monographs on *Turbo* and the continuation of those on *Conus* and *Voluta*, are by G. B. Sowerby, 3rd of the name.

Sowerby (G. B.) 2nd of the name. Popular British Conchology. A familiar history of the Molluscs inhabiting the British Isles. pp. xvi, 304: 20 *pls. col.*
8^o. London, 1854.

Sowerby (G. B.) 2nd of the name. Foraminifera from the Colne tidal river, Essex. 1 *pl.*, with descriptive letterpress.
8^o. [London,] 1856.

Sowerby (G. B.) 2nd of the name. Popular history of the Aquarium of marine and fresh-water Animals and Plants. pp. xvi, 327: 20 *pls. col.*
8^o. London, 1857.

Sowerby (G. B.) 2nd of the name. Companion to Mr. Kingsley's "Glaucus," containing coloured illustrations of the objects mentioned in the work, accompanied by descriptions. pp. 48: 12 *pls. col.*
8^o. Cambridge, 1858.

Sowerby (G. B.) 2nd of the name. Illustrated Index of British Shells. Containing figures of all the recent species, with names and other information. pp. xv, 24 *pls.*, with descriptive letterpress.
4^o. London, 1859.

— Second edition, revised and enlarged by G. B. Sowerby [3rd of the name]. pp. xvi: 26 *pls. col.*, with descriptive letterpress.
4^o. London, 1887.

Sowerby (G. B.) 2nd of the name. *Conchologia Iconica* ... continued by G. B. Sowerby. Vol. [xv-] xviii-xx. See REEVE (L. A.)
4^o. (1870-) 1878.

Sowerby (G. B.) 2nd of the name. *Malacostraca Podophthalmata Britanniae* ... continued and completed, with a new generic and specific index to the whole, and seven new plates, by G. B. Sowerby. No. 18, 19. See LEACH (W. E.)
4^o. 1875.

Sowerby (G. B.) 2nd of the name. Specimen plate [of Natural History objects]. 2 copies (1 plain, 1 *col.*)
4^o. London [].

Sowerby (G. B.) 2nd of the name, & Adams (A.) Monographs of the genera *Cemoria*, *Cranopsis*, *Zeidora*, *Rimula*, *Emarginula*, *Scutus* & *Tugalia*. See SOWERBY (G. B.) 2nd of the name. *Thesaurus Conchyliorum*, &c. Vol. iii.
4^o. 1863.

Sowerby (G. B.) 2nd of the name, & Gray (J. E.) The Conchological Illustrations, or coloured figures of all the hitherto unfigured recent Shells, by G. B. Sowerby, Junr., with the corresponding text of a Descriptive Catalogue of Shells, by J. E. Gray. pp. 22, 2.
8^o. London, 1832.

This text was never issued: the plates which were prepared for it were published with fresh text, under the same title, between 1832 and 1841, by G. B. Sowerby, 2nd of the name. [Cf. note by C. DAVIES SHERBORN in "Proc. Malac. Soc. Lond." Vol. viii, 1909, p. 331.]

— [Another copy.] pp. 22, 2: 1 *pl. col.*

Interleaved copy, with manuscript notes by J. E. Gray. A letter by Sowerby is bound in at the end.

SOWERBY (GEORGE BRETTINGHAM) 3rd of the name [1843-] Appendix (second supplement) to Monograph of the genus *Conus*. (—Completion of the ... Monographs of *Voluta* ... and *Melo*.—A Monograph of the genus *Turbo*.) See SOWERBY (G. B.) 2nd of the name. *Thesaurus Conchyliorum*. Vol. i, iii & v. 4^o. 1864-87.

Sowerby (G. B.) 3rd of the name. Illustrated Index of British Shells ... Second edition, revised and enlarged by G. B. Sowerby [3rd of the name]. See SOWERBY (G. B.) 2nd of the name.
4^o. 1887.

Sowerby (G. B.) 3rd of the name. Marine Shells of South Africa. A Catalogue of all the known species with references to figures in various works, descriptions of new species, and figures of such as are new, little known, or hitherto unfigured. pp. iv, 89: 5 *pls.*
4^o. London, 1892.

— Appendix. pp. [i,] 42: 3 *pls.* 4^o. London, 1897.

SOWERBY (HENRY) [1825-1891] Popular Mineralogy; comprising a familiar account of Minerals and their uses. pp. viii, 344: 20 *pls. col.* 8^o. London, 1850.

SOWERBY (JAMES) [1757-1822] [A Botanical Drawing-Book: or, an easy introduction to drawing flowers according to Nature, &c. obl. fol. London, 1789.]
Wanting.

— Second edition, &c. 10 *pls.*, with descriptive letterpress. obl. fol. London [1791].

Sowerby (JAMES) *Speculum Linnæanum*; or Linnæan Zoology; containing a complete illustration of the Zoological part of the *Systema Naturæ* of Linnæus: with figures ... by J. Sowerby. See SHAW (G.) *F.R.S.*
4^o. 1790.

Sowerby (JAMES) English Botany; or, coloured figures of British Plants, with their essential characters, synonyms, and places of growth. To which will be added, occasional remarks. (By J. E. Smith... The figures) By J. Sowerby. 36 Vol. [in 6] *illustr. col.*

8^o. London, 1790-1814.

The text (except that to Pls. xvi, xvii & xviii by G. Shaw) was written by Sir J. E. Smith, whose name, however, appears for the first time on the title-page to Vol. iv.

The plates have been mounted on sheets with the original drawings.

— General Indexes... to which is added, an alphabetical index to English Fungi; making together, a catalogue of indigenous British Plants.

8^o. London, 1814.

— Supplement... The descriptions, synonyms, and places of growth by W. J. Hooker (W. Borrer... C. C. Babington... M. J. Berkeley... W. Wilson... W. W. Newbould)... The figures by J. De C. Sowerby (and J. W. Salter). 5 Vol. [in 1] *illustr. col.* 8^o. London, 1831-63.

The plates mounted on sheets are kept with those of the main work.

— Second (or small) edition... with the descriptions shortened, and occasional remarks added. [Edited (Vol. I & II) by J. De C. Sowerby and (Vol. III-IV) C. Johnson.] 12 Vol. *illustr. col.* 8^o. London, [1832,] 1835-46.

[— Third edition, &c. Vol. I-VII.† 8^o. London, (1847-) 1849-54.]

Wanting.

Issued in 80 monthly parts. It consists of a re-issue of the first seven volumes of the preceding with new title-pages, while the plates bear a double numeration throughout. The announcements on the back of the wrappers show that the issue was confined to the section Phanerogamia.

— Third edition... re-arranged according to the natural orders... With descriptions of the species by the editor. See SYME afterwards BOSWELL (J. T. I.) 4^o. 1863-86.

Sowerby (JAMES) A Specimen of the Botany of New Holland... The Figures by J. Sowerby, &c. Vol. I. See SMITH (Sir J. E.) 4^o. 1793.

Sowerby (JAMES) Coloured figures [with descriptions] of English Fungi or Mushrooms. 3 Vol. & Suppt. 440 pls. *col.* fol. London, [1795-] 1797-1809 [-15].

The first six plates and several at the end of the Suppt. are undated; the earliest date is 1795, the latest Nov. 1814.

The original water-colour drawings for the plates have been incorporated in the collection in the Botanical Department.

For tables correlating the *Hymenogaster* described in this work with the species of Fries, see LAPLANCHE (M. C. DE) 'Dictionnaire iconographique des Champignons.'

Sowerby (JAMES) Exotic Botany: consisting of coloured figures... of... rare Plants... by J. Sowerby, &c. 2 Vol. See SMITH (Sir J. E.) 4^o. 1804-05.

Sowerby (JAMES) The British Miscellany: or coloured figures of new, rare, or little known Animal Subjects; many not before ascertained to be inhabitants of the British Isles; and chiefly in the possession of the author. [Alphabetical Index.] 2 Vol. [in 1] 76 pls. *col.*, with descriptive letterpress. 4^o. London, 1804-06 [-75].

Issued in twelve numbers. Vol. II stops short at p. 31.

Sowerby (JAMES) British Mineralogy: or coloured figures intended to elucidate the Mineralogy of Great Britain. 5 Vol. 550 pls. *col.*, with descriptive text. 8^o. London, [1802-] 1804-17.

As shown by a copy of the first volume in the original wrappers, and by the dates on the plates throughout, the first part of this work was issued 1 Nov., 1802, and subsequent parts up to 1 Oct., 1805, appeared on the first of each month. No part seems to have been issued for November of that year, and publication then proceeded on alternate months beginning with February in 1806, with January in 1807, and with February again for the years 1808 to 1811. The issue then became irregular, parts appeared in February, April, June and August 1812, in February, July, September and November 1813, terminating with *pl. dis.*

Pls. iv and *lvi*, although dated 1 Jan., 1804, were issued 1 Dec., 1803. (Note on wrapper to *pl. 14*.) Only one plate bears date 1 Jan., 1807: there are also single plates dated 1 May, 1808, 1 Sept., 1808, 1 Jan., 1811, and 1 May, 1812, but these seem to be errors. *Pl. cccxxxvii* has no date, but probably appeared 1 Dec., 1811. *Pls. dr-dxii* are dated 1816 only; *pls. dii-dxix*, 1 May, 1816; *pls. dxvi-dcxviii*, 1 July, 1816; *pls. dxix, dxviii, dxvii-dxcvi*, 1 Sept., 1816; whilst *pls. dxix, dxvii, dxviii* and *dxvii-d* are undated.

[Sowerby (JAMES) British Mineralogy, &c. (contd.)]

The text at first was not always issued with the illustrations. In the copy of Vol. I above referred to, it was obviously not all in the original state of issue, but by computation the following dates may be assigned for that volume:—*pp. 1-32*, 1 Nov., 1802; *pp. 33-64*, 1 July, 1803; *pp. 65-96*, 1 Jan., 1804; *pp. 97-112*, 1 April, 1804; *pp. 113-136*, 1 May, 1804; *pp. 137-162*, 1 June, 1804; *pp. 163-166*, 1 July, 1804; *pp. 167-168*, 1 Aug., 1804; *pp. 169-184*, 1 Sept., 1804; *pp. 185-200*, 1 Oct., 1804; *pp. 201-216*, 1 Nov., 1804; *pp. i-xii, 217-224*, and two leaves to replace *pp. 129, 130*, 1 Dec., 1804.

Subsequently, judging from the note on the wrappers to the "Exotic Mineralogy," the text accompanied the plates belonging to it.

Sowerby (JAMES) Exotic Mineralogy: or, coloured figures of foreign Minerals, as a supplement to British Mineralogy. 2 Vol. 169 pls. *col.*, with descriptive letterpress. 8^o. London, 1811-17 [-20].

From a nearly complete copy in the original wrappers the dates of issue of the parts were as follows:—

Vol. I, no.	1, pp.	1-12: pls.	i-vi,	1 March
" "	" 2,	" 13-24: "	vii-xii,	1 June
" "	" 3,	" 25-38: "	xiii-xviii,	1 Aug.
" "	" 4,	" 39-50: "	xix-xxiv,	1 Oct.
" "	" 5,	" 51-62: "	xxv-xxx,	1 Dec.
" "	" 6,	" 63-74: "	xxxi-xxxvi,	1 Feb.
" "	" 7,	" 75-86: "	xxxvii-xlii,	1 April
" "	" 8,	" 87-98: "	xlili-xlviii,	1 June
" "	" 9,	" 99-110: "	xliv-lv,	1 Aug.
" "	" 10,	" 111-122: "	lvi-lxv,	1 July
" "	" 11,	" 123-134: "	lxvi-lxxi,	1 Sept.
" "	" 12,	" 135-146: "	lxxii-lxxvii,	1 Nov.
" "	" 13,	" 147-158: "	lxxviii-lxxxix,	1 March

["It was intended to have published the Turquois in Tab. 73, but it has been found necessary to postpone that plate." (Note on wrapper to No. 13.)]

Vol. I, no.	14, pp.	159-170: pls.	lxxxx-lxxxv,	1 May
" "	" 15,	" 171-182: "	lxxxvi-xci,	1 July
" "	" 16,	" 183-191: "	xcii-xcviii,	1 Sept.
" "	" 17,	" 192-195: "	xcix-civ,	1 Nov.
" II,	" "	" 1-12: "	cv-cx,	1 Jan.
" "	" 18,	" 13-24: "	cxii-cxvi,	1 March
" "	" 19,	" 25-36: "	cxvii-cxxii,	1 May
" "	" 20,	" 37-52: "	cxviii-cxxviii,	1 July
" "	" 21,	" 53-64: "	cxviii-cxxix,	1 Sept.
" "	" 22,	" 65-76: "	cxviii-cxxix,	1 Nov.
" "	" 23,	" 77-88: "	cxli-cxlii,	1 Jan.
" "	" 24,	" 89-100: "	cxliii-clii,	1 March
" "	" 25,	" 101-112: "	cliii-clviii,	1 May
" "	" 26,	" 113-124: "	clix-clxiii,	1 March
" "	" 27,	" 125-140: "		

Six more parts had been projected, but only one (or two?), containing *pls. clxiv-clxix* with their text, *pp. 141-151*, ever appeared.

An Index has been added in manuscript.

Sowerby (JAMES) The Mineral Conchology of Great Britain; or coloured figures and descriptions of those remains of Testaceous Animals or Shells, which have been preserved at various times, and depths in the earth. (... Continued [Vol. v-vii] by J. D. C. Sowerby.) [With supplementary indexes and notes to the first four volumes, by J. Farey.] 7 Vol. *illustr. col.*

8^o. London, 1812-29 (-46).

Vol. VII was not completed: it consists of eight parts, and has no title-page or index.

For papers on the dates of publication of the 113 parts, see E. RESEVIER, "Bull. Soc. Vaudoise Sci. nat." tom. IV, 1855, p. 318; and E. R. SYKES, "Proc. Malac. Soc. Lond." Vol. VII, 1906, p. 191.

The Geological Department possesses:—One complete copy, without the original wrappers, but with a manuscript list by J. De C. Sowerby of the dates of their issue; another complete copy, in which the wrappers to the parts of Vol. VII have been kept; and a third copy, in which the contents have been bound in systematic order; whilst there is also a set of the first fifty parts in the original wrappers.

— Systematical, stratigraphical, and alphabetical Indexes to the first six volumes... to which is added a short account of the Life of the author by J. D. C. Sowerby. *pp. [ii,] 241-250, 11: 1 port.*

8^o. London, 1834 [i.e. 1835-40].

This brochure had a composite origin. The title-page, dated 1834, would seem to have been struck off first to serve as a prospectus. The "Preface to the Indexes" is dated July, 1835. The "Systematical Index" is pagged in continuation of Vol. VI of the "Mineral Conchology." These, with the portrait, were published as No. 105 of the last-named work in Aug. 1835; whilst the separately-pagged "Alphabetical Index" was subsequently issued in the first part (No. 106) of Vol. VII, in March, 1840. The "Stratigraphical Index" and the "Life of the author" were never issued.

In addition to the copies included in the complete sets of the "Mineral Conchology," the Geological Department has one, without the portrait or the preface, that belonged to T. Davidson, and contains his manuscript notes and sketches. Also a copy of the "Systematical Index" that was marked in manuscript by J. De C. Sowerby to form an index to the collection delivered to the British Museum in 1861, and has, in addition, his manuscript index to the first seven parts of Vol. VII of the "Mineral Conchology."

Sowerby (JAMES) *Conchologie [sic] Minéralogique de la Grande Bretagne . . . Traduction Française, revue et corrigée par L. Agassiz. [Pt. 1.] pp. 52 : 21 pls. col. 8^o. Neuchâtel, 1837.*

A copy of the first part as originally issued.
Plates 15-16 are misnumbered 9-12.

Conchyliologie Minéralogique de la Grande Bretagne . . . Traduit de l'Anglais [with notes] par E. Desor. Atec [sic] un avant-propos et des notes . . . par L. Agassiz. pp. viii, 682 : 404 pls. col. [in 2 Vol.] 8^o. Soleure, [1837-] 1845.

In the first part of this issue, pp. 15 & 16, 35 & 36, 45-52 have been replaced by others with altered text: the date 1814 appears on p. 52. Otherwise this part seems identical with the 1837 issue. The following pages are also replacements of prior issues, viz.:—pp. 87-90, 101 & 102, 123 & 124. Plates 13-16 and 379-403 are misnumbered 9-12 and 371-395 respectively. Plate 176 is printed with 177, and 288 has been missed in the numeration, whilst there are three additional plates marked 99 a-c. The work was published in 20 parts, but nothing is at present known concerning their dates of issue beyond the records in Kayser's "Index Librorum," which gives, No. 1-5, 1837-40; No. 7, 1841; and No. 8-20, 1842-45; or the statement in the "Bull. Soc. Géol. France" (Sér. II, tom. III, p. 806) that No. 13-20 were received in 1845.

Sowerby (JAMES) *J. Sowerby's Mineral-Conchologie Grossbritanniens . . . Deutsch bearbeitet von E. Desor. Durchgesehen und mit Anmerkungen und Berichtigungen versehen von . . . L. Agassiz. pp. 639 : 404 pls. col. [in 2 Vol.] 8^o. Solothurn, [1837-] 1842-44.*

Wanting plate 275, for which examples of the original plates (429 & 430) have been inserted. Plates 13-16 and 379-403 are misnumbered 9-12 and 371-395 respectively. Plate 176 is printed with 177, and 288 has been missed in the numeration, whilst there are three additional plates marked 99 a-c. The work was published in 20 parts. Part 1 was originally issued at Neuchâtel in 1837 and re-issued at Brunswick in 1840. From records in the "Neues Jahrb. f. Mineral." it seems that lief. 1-3, pp. 1-124: pls. 1-42 appeared in 1840; lief. 4-8, pp. 125-286 : pls. 43-147 in 1841; and lief. 9, pp. 287-306 : pls. 148-149 in 1842; whilst Kayser ("Index Librorum") gives lief. 9-20, 1842-44.

Sowerby (JAMES) *Malacostraca Podophthalmata Britanniae . . . illustrated . . . by J. Sowerby. No. 1-17. See LEACH (W. E.) 4^o. 1815-20.*

Sowerby (JAMES) *The Genera of Recent and Fossil Shells, for the use of students in Conchology and Geology. Commenced by J. Sowerby . . . and continued by G. B. Sowerby [1st of the name] . . . with . . . plates by J. Sowerby and J. D. C. Sowerby. 2 Vol. 267 pls. col., with descriptive letterpress. 8^o. London, 1820-25 [-34].*

The last plate is numbered 279; but no plates were issued with the numbers 30, 162, 163, 164, 169, 170, 173, 174, 175, 200, 258 & 268. The title-pages and index were added after the sale of the stock in 1875. A set of the original wrappers from No. 2-42 (the last) is bound in at the end.

For dates of issue of the various parts, See note by C. D. SHERBORN, Ann. & Mag. Nat. Hist., Ser. VI, vol. XIII, 1894, pp. 370-1, and further notes by E. R. SYKES, Proc. Malac. Soc. Lond., Vol. VII, 1906, p. 194.

— [Another copy.]

Without title-pages or index: plates unnumbered. The genera are arranged alphabetically, and bound text and plates apart in 4 Vol.

Sowerby (JAMES) *A Catalogue of Fossils, from the Mountain Limestone of Great Britain, extracted from the works of Messrs. Phillips [sic] and Sowerby. See PHILLIPS (J.) 8^o. 1837.*

Sowerby (JAMES) [A coloured plate, representing *Passiflora quadrangularis*, by J. Sowerby.] s.sh. []

Sowerby (JAMES) [Three original water-colour drawings for the first edition of the Hortus Kewensis.] See AITON (W.) fol. 1787-88.

Banksian MS. No. 17.

Sowerby (JAMES) [103 original coloured drawings to illustrate Fasc. II-IV of J. Dickson's Fasciculus Plantarum Cryptogamicarum Britanniae.] fol. [1789 ?-1801 ?]

Banksian MS. No. 21. Vide Dryander's Cat. Bibl. Banks, Vol. III, p. 220 : foll. 61-103 were added subsequently to the printing of that Catalogue.

Sowerby (JAMES) *Guide to Sowerby's Models of British Fungi in the . . . British Museum . . . By W. G. Smith. See BRITISH MUSEUM (NATURAL HISTORY). Botany. [Guides.] 8^o. 1893.*

— [Another issue.] 8^o. 1898.

— Second edition, &c. 8^o. 1908.

Sowerby (JAMES) *Illustrations of type specimens of Inferior Oolite Ammonites in the Sowerby Collection, &c. Pls. I-VII. See PALEONTOLOGICAL SOCIETY. 4^o. 1908.*

Several of the plates have been prepared with the assistance of S. S. Buckman.

SOWERBY (JAMES) the Younger [1815-1834] *The Mushroom and Champignon illustrated, compared with, and distinguished from, the poisonous Fungi that resemble them. [pp. viii:] 5 pls. (col.) 4^o. London, 1832.*

SOWERBY (JAMES DE CARLE) [1787-1871] *The Genera of Recent and Fossil Shells . . . with . . . plates by . . . J. D. C. Sowerby. See SOWERBY (JAMES). 8^o. 1820-25 [-34].*

Sowerby (JAMES DE C.) See ZOOLOGICAL JOURNAL, *The . . . Conducted by . . . J. De C. Sowerby, &c. Vol. I & II. 8^o. 1825-26.*

Sowerby (JAMES DE C.) *The Mineral Conchology of Great Britain . . . By J. Sowerby, continued [Vol. v-vii] by J. D. C. Sowerby. See SOWERBY (JAMES). 8^o. 1825-29 (-46).*

— Systematical . . . and alphabetical Indexes to the first six volumes . . . to which is added a short account of the Life of the author by J. D. C. Sowerby. 8^o. 1834 [i.e. 1835-40].

Sowerby (JAMES DE C.) *Conchyliologie Minéralogique de la Grande Bretagne . . . Traduit de l'Anglais par E. Desor, &c. See SOWERBY (JAMES). 8^o. [1837-] 1845.*

Sowerby (JAMES DE C.) *J. Sowerby's Mineral-Conchologie Grossbritanniens . . . Deutsch bearbeitet von E. Desor, &c. See SOWERBY (JAMES). 8^o. [1837-] 1842-44.*

Sowerby (JAMES DE C.) *English Botany . . . Supplement . . . The figures by J. De C. Sowerby, &c. See SOWERBY (J.) 8^o. 1831-63.*

— Second (or small) edition, &c. [Edited (Vol. I & II) by J. De C. Sowerby.] 8^o. [1832.] 1835.

— Third edition, &c. Vol. I-XI. See SYME afterwards BOSWELL (J. T. I.) 8^o. 1863-72.

Sowerby (JAMES DE C.) [List of Freshwater Mollusca from northern Canada.] See RICHARDSON (Sir J.) *Fauna Boreali-Americana, &c. Pt. III. 4^o. 1836.*

Sowerby (JAMES DE C.) [For descriptions of Fossil Shells from Australia] See MITCHELL (Sir T. L.) *Three expeditions into the interior of eastern Australia, &c. Vol. I. 8^o. 1838.*

Sowerby (JAMES DE C.) *Descriptions of the Fossils from Bracklesham Bay, Selsey and Bognor. Notes and descriptions of new species . . . Foraminifera. — Annelida. — Mollusca. — Descriptions of the Shells of the Chalk formation. See DIXON (F.) The Geology and Fossils of Sussex, &c. 4^o. 1850.*

— [Another edition entitled:] *The Geology of Sussex . . . New [Second] edition, &c. 4^o. 1878.*

- Sowerby** (JAMES DE C.) Illustrations of Type Specimens of Inferior Oolite Ammonites in the Sowerby Collection, &c. Pls. I-VII. See PALÆONTOLOGICAL SOCIETY. 4^o. 1908.
Several of the plates have been prepared with the assistance of S. S. Buckman.
- Sowerby** (JAMES DE C.) [Twenty-nine sheets of] Drawings of Mosses, from which the plates of Muscologiae Hibernicae Spicilegium [by D. Turner (q.v.)] were engraved, made by J. Sowerby, Junr. [i.e. J. De C. Sowerby] at Yarmouth, August 1803. fol. [1803].
- Sowerby** (JAMES DE C.) [65 water-colour drawings of Chelonia, forming the originals for the plates, published and unpublished, to T. Bell's "Monograph of the Testudinata" and Sowerby & Lear's "Tortoises," &c.] fol.
- Sowerby** (JAMES DE C.) & **Lear** (E.) Tortoises, Terrapins and Turtles, drawn from life. [With introduction and explanatory text by J. E. Gray.] pp. xxiv, 16 : 60 pls. col. fol. London, &c., 1872.
This work consists of the plates originally drawn for T. Bell's "Monograph of the Testudinata" [q.v.]. Only forty of the plates had been published when that work was stopped. A revised proof of Gray's text is bound up with the copy of Bell's monograph.
- SOWERBY** (JAMES FRANK) [1887-] List of Exhibits. Sowerby Exhibition (held) at the Royal Botanic Gardens, December 5th and 6th, 1908. [By J. F. Sowerby.] See ROYAL BOTANIC SOCIETY OF LONDON. 8^o. [1908.]
- SOWERBY** (JOHN EDWARD) [1825-1870] The Ferns of Great Britain : illustrated by J. E. Sowerby, &c. See JOHNSON (C.) 4^o. [1855.]
- Sowerby** (JOHN E.) The Fern allies ; a supplement to the Ferns of Great Britain. Illustrated by J. E. Sowerby, &c. See JOHNSON (C.) 4^o. 1856.
- Sowerby** (JOHN E.) The Grasses of Great Britain : illustrated by J. E. Sowerby, &c. See JOHNSON (C.) 8^o. [1857-61.]
- Sowerby** (JOHN E.) British Wild Flowers. Illustrated by J. E. Sowerby, &c. See JOHNSON (C. P.) 8^o. [1858-] 1860.
- Sowerby** (JOHN E.) The Useful Plants of Great Britain . . . Illustrated by J. E. Sowerby. See JOHNSON (C. P.) 8^o. 1861 [-62].
- Sowerby** (JOHN E.) English Botany . . . The figures by . . . J. E. Sowerby . . . Third edition, &c. See SYME afterwards BOSWELL (J. T. I.) 8^o. 1863-86.
- Sowerby** (JOHN E.) An illustrated Key to the natural orders of British Wild Flowers, &c. pp. 42 : 9 pls. 8^o. London, 1865.
- SOYER-WILLEMET** (HUBERT FÉLIX) [1791-1861] Mémoire sur le Nectaire, &c. pp. 56 [1]. 8^o. Paris, 1826.
Mém. Soc. Linn. Paris. Tom. v, 1827.
- Soyer-Willemet** (H. F.) Observations sur quelques Plantes de France suivies du Catalogue des Plantes Vasculaires des environs de Nancy. pp. 195. 8^o. Nancy, 1828.
- Soyer-Willemet** (H. F.) Sur l'*Euphrasia officinalis* et les espèces voisines.—Sur les *Erica multiflora* et *vagans*. 8^o. [Nancy, 1833.]
Mém. Soc. roy. Sci. Nancy. 1833-34, pp. 23-39.
- Soyer-Willemet** (H. F.) *Gnaphalium neglectum*, nouvelle espèce du groupe des Filaginées, avec des observations sur les autres espèces Françaises de ce groupe. pp. 11 : 1 pl. 8^o. Nancy, 1836.
Mém. Soc. roy. Sci. Nancy. 1835.
- Soyer-Willemet** (H. F.) Sur le *Cerastium manticum* et quelques espèces de ce genre.—*Erodium cicutum* et *laciniatum*, plantes nouvelles pour la Flore Française, avec des notes sur quelques espèces de ce genre. pp. 24. 8^o. Nancy, 1839.
Mém. Soc. roy. Sci. Nancy. 1838.
- Soyer-Willemet** (H. F.) & **Godron** (D. A.) Revue des Trêfles de la section *Chronosemium*. (Correction, &c.) pp. 35 (11). 8^o. Nancy, 1847.
Mém. Soc. roy. Sci. Nancy. 1846.
The senior author published some further observations in the same memoirs in 1852.
- Soyer-Willemet** (H. F.) & **Godron** (D. A.) Monographie des *Silene* de l'Algérie. pp. 51. 8^o. Nancy, 1851.
Mém. Soc. roy. Sci. Nancy. 1850.
- SPACH** (ÉDOUARD) [1801-1879] Histoire naturelle des Végétaux. Phanérogames. 14 Tom. & Atlas. 8^o. Paris, 1834-48.
Forming one of Roret's "Collection des Suites à Buffon."
- Spach** (É.) Dictionnaire universel d'Histoire naturelle . . . par MM. Arago . . . Spach, &c. 16 Vol. illust. (col.) See ORBIGNY (A. C. V. D. D'). 8^o. [1839-] 1849.
— [Another issue.] 8^o. 1861.
— Nouvelle édition, &c. 17 Vol. illust. (col.) 8^o. [1867?]
- Spach** (É.) & **Jaubert** (H. F.) *Count*. Illustrationes Plantarum Orientalium, &c. 5 Vol. See JAUBERT (H. F.) *Count* & SPACH (É.) fol. 1842-57.
- SPADA** (ALESSANDRO) Osservazioni stratigrafiche e paleontologiche concernenti la Geologia della Toscana, &c. [With notes by A. Spada.] See SAVI (P.) & MENECHINI (G.) 8^o. 1851.
- SPADA** (GIOVANNI GIACOMO) [1680-1774] Corporum Lapidefactorum agri Veronensis catalogus quæ apud J. J. Spadam . . . asservantur. Editio altera . . . cui accedunt annotationes, &c. pp. 81 : 10 pls. 4^o. Veronæ, 1744.
Large-paper copy.
- SPADA** (JOANNES JACOBUS) See SPADA (G. G.)
- SPADONI** (PAOLO) [1764-1826] Pellegrinazioni alle Gessaje di Sant' Angelo, San Gaudenzio, Portone e Scapezzano nel dipartimento del Metauro e scoperti quivi fatte dal . . . P. Spadoni. pp. 98 : 1 pl. 8^o. Macerata, 1813.
- SPAE** (D.) Mémoire sur les espèces du genre *Lis*, &c. pp. 46. See BRUSSELS.—ACADÉMIE ROYALE DES SCIENCES, &c. Mémoires couronnés, &c. Tom. XIX. 4^o. 1847.
- SPAENDONCK** (GERRIT VAN) [1746-1822] Fleurs dessinées d'après nature, &c. Cahir I-IV. 16 pls. fol. Paris [].
Wanting Cab. v & vi, pls. xvii-xxiv.
- Spaendonck** (G. VAN) Des Fleurs d'après la Nature par Spaendonck gemahlt [sic]. 70 water-colour drawings. fol. []
"Ex Bibliotheca Principis ab Isenburg. N^o 108."
- SPAETH** (FRANZ) [Cassididae from Dutch New Guinea.] See WICHMANN (C. E. A.) Nova Guinea, &c. Vol. v, livr. 1 ; ix, livr. 1 & 3. 4^o. 1906-13.
- Spaeth** (F.) [Cassidæ from the Kilimandjaro-Meru district.] See SJÖSTEDT (B. Y.) Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro . . . 1905-1906, &c. Bd. I. Coleoptera, no. 13. 4^o. 1910.

SPAGNOLINI (ALESSANDRO) [1833-1880] Catalogo degli Acalefi del Golfo di Napoli . . . Parte seconda. Discofori. pp. 83. 8°. Milano, 1871.
Atti Soc. Ital. Sci. Nat. Vol. XIV.

SPAIN. Memoria sobre la industria y legislación de Pesca que comprende desde el año 1870 al 1874, redactada . . . por . . . J. de Salas y . . . F. García Solá. pp. lvi, 741, 2 tabs. 8°. Madrid, 1876.

SPAIN.—COMISIÓN DE INGENIEROS DE MINAS. [Maps.] Mapa Geológico de España . . . formado . . . bajo la dirección del Inspector . . . M. Fernandez de Castro. 1889-1893. Escalas de 1:1,500,000 [i.e. 1 in. = 23 $\frac{7}{8}$ m. about]. s.sh. col. Madrid [1894].

SPAIN.—COMISIÓN DE LA FLORA FORESTAL ESPAÑOLA. See infra, MINISTERIO DE FOMENTO.

SPAIN.—COMISIÓN DEL MAPA GEOLÓGICO DE ESPAÑA. See infra, INSTITUTO GEOLÓGICO DE ESPAÑA.

SPAIN.—COMISIÓN PERMANENTE DE PESCA. Anuario . . . Resumen de sus trabajos y noticias referentes á la Industria Pesquera, redactado . . . por . . . C. Fernandez. Año I & II. 8°. Madrid, 1868-69.

Spain.—COMISIÓN PERMANENTE DE PESCA. Exploración científica de las costas del departamento marítimo del Ferrol, verificada de orden del Almirantazgo por el vocal de la Comisión . . . D. M. de la Paz Graells en el verano de 1869. pp. 540: 16 pls. 8°. Madrid, 1870.

SPAIN.—INSTITUTO GEOLÓGICO DE ESPAÑA.

[1849 *Founded as Comisión del Mapa Geológico de España.*
1859 *Junta General de Estadística de España.*
1870 *Comisión del Mapa Geológico de España, separated from the Junta, &c.*
1873 *Comisión del Mapa Geológico de España reorganized.*
1910 *Instituto Geológico de España.*]

Boletín, &c. Tom. I→ 8°. Madrid, 1874→

With Vol. II, VII, XI & XIV of the Boletín are published a series of plates, accompanied by text, "Sinopsis de las especies fósiles que se han encontrado en España, por L. Mallada (1875-92)."

An index to Tom. I-XX is appended to Tom. XX.
Tom. XXI→ are also styled "Segunda Serie, Tom. I→ (1894→)."

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. Memorias . . . Año de 1855. Parte Zoológica [Insecta], por D. M. de la Paz Graells. pp. 111: 7 pls. (col.) 4°. Madrid, 1858.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. Ensayo de descripción geognóstica de la provincia de Teruel en sus relaciones con la Agricultura de la misma, por D. J. Vilanova y Piera. pp. 312: 10 pls., 1 map geol. col. fol. Madrid, 1863.
The map is dated 1868.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. Descripción física y geológica de la provincia de Madrid, por D. C. de Prado. pp. xvi, 219: 4 pls., text illust. 4°. Madrid, 1864.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. Descripción física y geológica de la provincia de Santander, por D. A. Maestre. pp. 120 [7]: 1 map geol. col., text illust. fol. Madrid, 1864.
The map is dated 1862.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [Memorias. I.] Bosquejo de una descripción física y geológica de la provincia de Zaragoza, por D. F. M. Donayre. pp. 128: 4 pls., 1 map col. 8°. Madrid, 1873.
The wrapper is dated 1874.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [Memorias. II.] Trabajos geodésicos y topográficos practicados por la comisión de estudio de las cuencas Carboníferas de Asturias [by E. Cifuentes], &c. pp. 143: 3 plans. 8°. Madrid, 1874.
One of the plans is dated 1873.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [Memorias. III.] Descripción física, geológica y agro-lógica de la provincia de Cuenca, por D. de Cortázar. pp. xvi, 406: 3 pls. (1 col.), 1 map geol. col., text illust. 8°. Madrid, 1875.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [Memorias. V.] Descripción física, geológica y agro-lógica de la provincia de Valladolid, por D. de Cortázar. pp. 211 [1]: 3 pls., 1 map geol. col., text illust. 8°. Madrid, 1877.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [Memorias. VI.] Descripción física y geológica de la provincia de Huesca, por L. Mallada. pp. xv, 439: 1 pl. col., 1 map geol. col., text illust. 8°. Madrid, 1878.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [Memorias. VII.] Descripción física y geológica de la provincia de Ávila, por D. F. M. Donayre. pp. 297 [1]: 5 pls., 1 map geol. col., text illust. 8°. Madrid, 1879.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [Memorias. VIII.] Descripción física, geológica y minera de la provincia de Salamanca, por A. Gil y Maestre. pp. xv, 299 [1]: 1 pl., 1 map geol. col. 8°. Madrid, 1880.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [Memorias. IX.] Descripción física, geológica y minera de la provincia de Barcelona, por D. J. Maureta y D. S. Thós y Codina. pp. 487: 6 pls. (col.), 6 maps (col.), text illust. 8°. Madrid, 1881.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [Memorias. X.] Descripción física, geológica y agro-lógica de la provincia de Valencia, por D. de Cortázar . . . y M. Pato. pp. xi, 417: 1 pl. col., 1 map geol. col., text illust. 8°. Madrid, 1882.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [Memorias. XI.] Descripción física y geológica de la provincia de Zamora, por D. G. Puig y Larráz. pp. 488: 1 pl., 1 map geol. col., text illust. 8°. Madrid, 1883.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [Memorias. XII.] Descripción física y geológica de la provincia de Guipúzcoa, por D. R. Adán de Yarza. pp. 175: 8 pls. (7 col.), 1 map geol. col., text illust. 8°. Madrid, 1884.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [Memorias. XIII.] Descripción física y geológica de la provincia de Álava, por D. R. Adán de Yarza. pp. 175 [1]: 2 pls. col., 1 map col., text illust. 8°. Madrid, 1885.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [Memorias. XIV.] Descripción física, geológica y minera de la provincia de Huelva, por D. J. Gonzalo y Tarín. 2 Tom. illust. 8°. Madrid, 1886-88.
The maps are dated respectively 1887 & 1889.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [Memorias. XV.] Descripción física, geológica y agro-lógica de la provincia de Soria, por D. P. Palacios. pp. 558 [1]: 5 pls. (2 geol. col.), 1 map geol. col., text illust. 8°. Madrid, 1890.
The map is dated 1888.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA. [Memorias. XVI?] Descripción física y geológica de la provincia de Vizcaya, por R. Adán de Yarza [y Torre]. pp. 192 [1]: 6 pls. (2 geol. col.), 2 maps geol. col., text illust. 8°. Madrid, 1892.
One of the maps is dated 1891.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA.
[*Memorias. XVII?*] Descripción física, geológica y minera de la provincia de Logroño, por D. R. Sánchez Lozano. pp. 348 [3]: 15 pls. (2 geol. col.), 2 maps (1 geol. col.), text *illustr.* 8°. Madrid, 1894.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA.
Comisión del Mapa Geológico de España. Su origen, vicisitudes y circunstancias actuales. [With Lists of Works and Fossils exhibited at the "Exposición de Minería en Madrid en 1883."] pp. 62. See supra, Boletín, &c. Tom. x. 8°. 1887.

Spain.—INSTITUTO GEOLÓGICO DE ESPAÑA.
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List of Plants collected by Capt. Grant between Zanzibar and Cairo.
Notes on other Plants, partly from native information, By J. A. Grant.
Note on Capt. Grant's collection of Plants. By T. Thomson.

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B. List of Plants observed in Los Roques by A. Ernst.
C. On some Venezuelan Birds . . . By P. L. Selater . . . and O. Salvin.
D. Sertulum Naiguatense: Notes on a small collection of Alpine Plants from the summit of Naiguatá, in the Mountains of Caracas. By A. Ernst.
E. Description of Minerals and Ores from Venezuela. By J. Plant.
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STIRLING NATURAL HISTORY AND ARCHAEOLOGICAL SOCIETY.

[1878 Founded as Stirling Field Club.
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Acta Horti Bergiani. Meddelanden från Kongl. Svenska Vetenskaps-Akademien Trädgård Bergielund . . . redigerade af V. B. Wittrock, &c. Bd. I→ 4°. *Stockholm*, 1891→

Each paper is separately paged.

Vol. IV contains papers published for the bicentenary of Linnæus.

Stockholm.—K. Svenska Vetensk.-Akademien.

Förteckning öfver innehållet i . . . Skrifter. 1826-83.
Af E. W. Dahlgren. pp. 116. 8°. Stockholm, 1884.

Stockholm.—K. Svenska Vetensk.-Akademien.

Årsberättelser om Vetenskapernas Framsteg, afgifne
af . . . Academiens embetsmän d. 31 Mars 1821 (1822-
1825). 5 Vol. 8°. Stockholm, 1822-28.

In the number for 1821-2, which is a reprint dated 1828, each section
was separately paged, and all except the Zoological portions are wanting.
After the number for 1824-5 each section appeared as a separate work.

Stockholm.—K. Svenska Vetensk.-Akademien.

Jahresbericht . . . über die Fortschritte der Naturge-
schichte, Anatomie und Physiologie der Thiere [by J. W.
Dalman] und Pflanzen [by J. E. Wikström]. Aus dem
Schwedischen mit Zusätzen von . . . J. Müller. 1825.
pp. 216. 8°. Bonn, 1828.

Wanting the number for 1824.

Stockholm.—K. Svenska Vetensk.-Akademien.

Öfversigt af (de sednare årens) Botaniska Arbeten och
Upptäckter . . . lemnad år 1821 (-25) af J. E. Wikström.
8°. Stockholm, 1822-26.

[Continued as:]

Årsberättelse om framstegen uti Botanik för år 1826
(-27) . . . afgifven . . . af J. E. Wikström.
8°. Stockholm, 1827-28.

[Continued as:]

Års-Berättelse om Botaniska Arbeten och Upptäckter
för år 1828 (-52) . . . afgifven . . . af J. E. Wikström.
8°. Stockholm, 1830-57.

[Continued as:]

Berättelse om Botaniska Arbeten och Upptäckter under
åren 1853 och 1854 . . . afgifven af N. J. Andersson.
8°. Stockholm, 1856.

Up to 1844 each number was first published in the Society's "Års-
berättelser om Vetenskapernas Framsteg," &c.

A copy of the original issue of the first number is bound in front of the
set.

The records for 1845-48 were issued as one number (in 2 Vol.).

The number for 1852 was not published till 1857.

— Register . . . för åren 1820 till och med 1838, &c.
8°. Stockholm, 1852.

Stockholm.—K. Svenska Vetensk.-Akademien.

Jahresberichte . . . über die Fortschritte der Botanik
in . . . 1820 (-42) . . . von J. E. Wikström. Uebersetzt
und mit Hinweisung auf neuere Arbeiten und mit Regi-
stern versehen von C. T. Beilschmied. 15 Vol. [in 13.]
8°. Breslau, 1838-47.

Stockholm.—K. Svenska Vetensk.-Akademien.

Årsberättelse om nyare Zoologiska Arbeten och Upp-
täckter till . . . Akademien afgifven den 31 Mars 1826
(1827-40) af J. W. Dalman ([and afterwards] S. Nilsson,
B. F. Fries, C. J. Sundevall). 11 Vol. [in 4.]
8°. Stockholm, 1826-41.

[Continued as:]

Årsberättelse om Zoologiens Framsteg under åren
1840-42 (& 1843-46), &c. 7 Vol. [in 4.]
8°. Stockholm, 1843-48.

Divided into separately-paged sections, each with its own title-page:—
Vertebrata, by C. J. Sundevall.
Insecta, by C. H. Boheman.
Crustacea, &c., by S. Lovén.

Later issues appeared under the sectional titles as distinct works.

Stockholm.—K. Svenska Vetensk.-Akademien.

Årsberättelse (Berättelse) om framstegen i Insekternas,
Myriapodernas och Arachnidernas naturalhistoria för
1847 och 1848 (1849-56) af C. H. Boheman. 5 Vol.
[in 2.] 8°. Stockholm, 1851-59.

Stockholm.—K. Svenska Vetensk.-Akademien.

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och de lägre Skelettlösa Djurens naturhistoria under
åren 1845-1849 . . . Afgifven af S. Lovén. pp. ix, 645.
8°. Stockholm, 1852.

Stockholm.—K. Svenska Vetensk.-Akademien.

Berättelse om framstegen i Vertebrerade Djurens natu-
ralhistoria och Ethnografien under åren 1845-50 . . . Af
C. J. Sundevall. pp. xii, 466. 8°. Stockholm, 1853.

Stockholm.—K. Svenska Vetensk.-Akademien.

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Wissenschaften von J. Berzelius . . . Aus dem Schwedi-
schen übersetzt von C. G. Gmelin ([and afterwards]
F. Wöhler). Jahrg. I-XX. 8°. Tübingen, 1822-41.

[Continued as:]

Jahres-Bericht über die Fortschritte der Chemie und
Mineralogie; von J. Berzelius, &c. Jahrg. XXI-XXVII.
8°. Tübingen, 1842-48.

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— . . . Sach- und Namen-Register. I-XXV. Jahrg.
8°. Tübingen, 1847.

Stockholm.—K. Svenska Vetensk.-Akademien.

Svensk Botanik utgifven af Kongl. Vetenskaps-Acade-
mien, &c. Bd. IX-XI. See PALMSTRUCH (J. W.)
8°. 1823-43.

Stockholm.—K. Svenska Vetensk.-Akademien.

[Palæontologia Scandinavica, &c. Pt. I, fasc. 1, 2.†
See ANGELIN (N. P.) 4°. 1851, 54.]
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— [Second edition, edited by G. Lindström.] 4°. 1878.

Stockholm.—K. Svenska Vetensk.-Akademien.

Kongliga Svenska Fregatten Eugenies Resa omkring
jorden . . . åren 1851-53. Vetenskapliga iakttagelser . . .
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2 Vol. illust. See SWEDEN. 4°. 1857-1910.

Stockholm.—K. Svenska Vetensk.-Akademien.

Iconographia Crinoideorum in stratis Sueciæ siluricis
fossilium, &c. See ANGELIN (N. P.) 4°. 1878.

Stockholm.—K. Svenska Vetensk.-Akademien.

Kritisk ordbok öfver Svenska Växtnamnen af E. Fries.
Utgifven af Svenska Akademien. pp. 177. SWED. &
LAT. 8°. Stockholm, 1880.

Stockholm.—K. Svenska Vetensk.-Akademien.

Fragmenta Silurica e dono C. H. Wegelin, &c. See AN-
GELIN (N. P.) 4°. 1880.

Stockholm.—K. Svenska Vetensk.-Akademien.

Mittheilungen des Ornithologischen Komitees der . . .
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See supra, Bihang till . . . Handlingar. Bd. XIII, afd. IV,
no. 3; bd. XIV, afd. IV, no. 1; bd. XVI, afd. IV, no. 3;
bd. XVII, afd. IV, no. 4. 8°. 1887-92.

Stockholm.—K. Svenska Vetensk.-Akademien.

Om Sveriges Zoologiska Hafsstation Kristineberg.
See THÉEL (J. H.) 8°. 1895.

Stockholm.—K. Svenska Vetensk.-Akademien.

Skrifter af C. von Linné utgifna af Kungl. Svenska
Vetenskapsakademien, &c. 4 Vol. See LINNÆUS (C.)
[Works.] 8°. 1905-08.

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C. von Linnés betydelse såsom naturforskare och läkare.
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demien i anledning af tvåhundraårsdagen af Linnés
födelse. 8°. Uppsala, 1907.

Contains:—

1. C. von Linné såsom Läkare och Medicinisk författare, af O. E. A. Hjelt. pp. [iv.] 244.
2. C. von Linné såsom Zoolog, af E. Lönnberg och C. Aurivillius. pp. 80.
3. C. von Linné såsom Botanist, af C. A. M. Lindman. pp. 116.
4. C. von Linné såsom Geolog, af A. G. Nathorst. pp. 80: 2 pls., text illust.
5. C. von Linné såsom Mineralog, af H. Sjögren. pp. 38: text illust.

Stockholm.—K. Svenska Vetensk.-Akademien.

Om utvecklingen af Sveriges Zoologiska Hafsstation Kristineberg och om djurlifvet i angränsande haf och fjordar. Af H. Théel. *pp. 136: 5 pls., 3 maps, text illust.* See supra, Arkiv för Zoologi, &c. Bd. IV, no. 5. 8^o. 1908.

Stockholm.—K. Svenska Vetensk.-Akademien.

Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro, dem Meru und den umgebenden Massaiesteppen Deutsch-Ostafrikas, 1905–1906, unter Leitung von . . . Y. Sjöstedt. Herausgegeben . . . von der Königl. Schwedischen Akademie der Wissenschaften. 3 Bd. *illust.* See SjöSTEDT (B. Y.) 4^o. 1910.

STOCKHOLM.—Kongliga Svenska Vetenskaps-Akademien.—Nobel Institut.

Les Prix Nobel en 1901 (1902→) 8^o. Stockholm, 1904→
Contains biographical notices, with portraits, of the recipients of the awards, and their theses, each separately pagged.

Stockholm.—Kongliga Svenska Vetenskaps-Akademien.—Nobel Institut.

Meddelanden, &c. Bd. I→
8^o. Uppsala & Stockholm, 1905→

STOCKHOLM.—Kongliga Vetenskaps-Akademien.

See supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN.

STOCKHOLM.—Naturhistoriska Riksmuseum.

—*Botaniska Avdelning.* A Linnæan Herbarium in the . . . Museum . . . By C. A. M. Lindman. 2 Pt. *illust.* See supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, &c. Bd. VII, no. 3; IX, no. 6. 8^o. 1908, 10.

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—*Botaniska Avdelning.* Ueber einige Farne in O. Swartz' Herbarium. Von C. Christensen. *pp. 46: 5 pls., text illust.* See supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, &c. Bd. IX, no. 11. 8^o. 1910.

Stockholm.—Naturhistoriska Riksmuseum.

—*Botaniska Avdelning.* Skandinaviska former af *Rosa glauca*, Vill., i Naturhistoriska Riksmuseum . . . Af S. Almqvist. *pp. 118: 10 pls., text illust.* See supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, &c. Bd. X, no. 3. 8^o. 1910.

Stockholm.—Naturhistoriska Riksmuseum.

—*Paläontologiska Avdelning.* List of the Fossil Faunas of Sweden. Pt. I–III. 8^o. Stockholm, 1888.
No. I. Cambrian and Lower Silurian [by G. Lindström]. *pp. 24.* 1888.
„ II. Upper Silurian [by G. Lindström]. *pp. 29.* 1888.
„ III. Mesozoic [by B. Lundgren]. *pp. 20.* 1888.

Stockholm.—Naturhistoriska Riksmuseum.

—*Zoologiska Avdelning.* Handledning vid beseendet av Zoologiska Samlingarna uti Riksmuseum. Femtonde upplagan. *pp. 49.* 8^o. Stockholm, 1890.

Stockholm.—Naturhistoriska Riksmuseum.

—*Zoologiska Avdelning.* Catalogue of Linnæan type-specimens of Snakes in the . . . Museum . . . By L. G. Andersson. *pp. 35.* See supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXIV, afd. IV, no. 6. 8^o. 1899.

Stockholm.—Naturhistoriska Riksmuseum.

—*Zoologiska Avdelning.* Catalogue of Linnean type-specimens of Linnæus's Reptilia in the . . . Museum . . . By L. G. Andersson. *pp. 29.* See supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXVI, afd. IV, no. 1. 8^o. 1900 (1901).

Stockholm.—Naturhistoriska Riksmuseum.—

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Stockholm.—Naturhistoriska Riksmuseum.—

Zoologiska Avdelning. Northern and Arctic Invertebrates in the Collection of the . . . Museum . . . I. Sipunculids. By H. Théel. *pp. 130: 15 pls.* See supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XXXIX, no. 1. 4^o. 1905.

Stockholm.—Naturhistoriska Riksmuseum.—

Zoologiska Avdelning. Northern and Arctic Invertebrates in the Collection of the . . . Museum . . . II. Priapulids, Echiurids, etc. By H. Théel. *pp. 28: 2 pls., text illust.* See supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XL, no. 4. 4^o. 1906.

Stockholm.—Naturhistoriska Riksmuseum.—

Zoologiska Avdelning. Notes on Birds collected in the Congo Free State by . . . K. E. Laman. By E. Lönnberg. *pp. 18.* See supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, &c. Bd. III, no. 21. 8^o. 1907.

Stockholm.—Naturhistoriska Riksmuseum.—

Zoologiska Avdelning. Northern and Arctic Invertebrates in the Collection of the . . . Museum . . . III. Opisthobranchia and Pteropoda. By N. Odhner. *pp. 114: text illust.* See supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar. Ny Följd, Bd. XLI, no. 4. 4^o. 1907.

Stockholm.—Naturhistoriska Riksmuseum.—

Zoologiska Avdelning. Northern and Arctic Invertebrates in the Collection of the . . . Museum . . . IV. Hydroiden. Von E. Jäderholm. *pp. 124: 12 pls.* See supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Handlingar, &c. Ny Följd, Bd. XLV, no. 1. 4^o. 1909.

Stockholm.—Naturhistoriska Riksmuseum.—

Zoologiska Avdelning. Marine Mollusca of Iceland in the Collections of the . . . Museum. By N. Odhner. *pp. 31: 1 pl.* See supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, &c. Bd. VII, no. 4. 8^o. 1911.

Stockholm.—Naturhistoriska Riksmuseum.—

Zoologiska Avdelning. Neue Afrikanische Termiten im Schwedischen Reichsmuseum. Von Y. Sjöstedt. *pp. 18.* See supra, KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Zoologi, &c. Bd. VII, no. 20. 8^o. 1911.

Stockholm.—Naturhistoriska Riksmuseum.—

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STOCKHOLM.—Riksmuseum.

See supra, NATURHISTORISKA RIKSMUSEUM.

STOCKHOLM.—Société Entomologique.

See supra, ENTOMOLOGISKA FÖRENINGEN.

STOCKHOLM.—Statens Naturhistoriska Mu-

seum. See supra, NATURHISTORISKA RIKSMUSEUM.

STOCKHOLM.—Stockholms Högskola.

[Founded 1878.]

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A series of reprints from the "Bihang till K. Svensk. Vet.-Akad. Handlingar," and other sources.

STOCKHOLM.—Svenska Botaniska Föreningen.

[Founded 1907.]

Svensk Botanisk Tidskrift... Redaktör: ... C. Rosenberg. Bd. I→ 1907→ 8°. Stockholm, 1908→

The Proceedings of the "Botaniska Sällskapet" [q.v. supra] are published in this serial.

STOCKPORT.—Glacialists' Association.

See GLACIALISTS' ASSOCIATION.

STOCKPORT.—Parks, Museum, and Library Committee.

Reports of the Borough Librarian... and of the Curator of the Museum... 1st April, 1911, to 31st March, 1912 (1912-13→) 8°. [Stockport, 1912→]

STOCKS (JOHN ELLERTON) [1822-1854] Practical remarks on the Plants of Sind; and the uses of certain of the wild Plants in medicine, &c. See BOMBAY, Government of. Selections from the records of the Bombay Government. New Series, No. xvii. 8°. 1855.**Stocks** (J. E.) List of Timber Trees, Fruit Trees, and Bushes in Sindh. See LANGLEY (E. A.) Narrative of a residence at the Court of Meer Ali Moorad, &c. Vol. II, Appendix E. 8°. 1860.**STOCKTON** (CHARLES H.) The Arctic Cruise of the U.S.S. Thetis in... 1889. 8°. Washington, 1890.

National Geographic Magazine. Vol. II, pp. 171-198: 1 map.

STODDART (WILLIAM WALTER) [1824-1880] Silurian, Carboniferous and Millstone-Grit [of the Bristol District]. See BRITISH ASSOCIATION, &c. Bristol and its Environs, &c. Section VII. 8°. 1875.**STOEBER** (FRANZ FRIEDRICH) [1862-] Mittheilungen über den Kalkspath von Elsass-Lothringen. pp. 62: 4 pls. See ALSACE-LORRAINE.—Commission fuer die Geologische Landes-Untersuchung, &c. Mittheilungen, &c. Bd. v, hft. 1. 8°. 1892.**Stoeber** (F. F.) & **Renard** (A. F.) Notions de Minéralogie. See RENARD (A. F.) & STOEBER (F. F.) 8°. 1900.**STOEHR** (EMIL) Die Kupfererze an der Mürtchenalp und der auf ihnen geführte Bergbau, &c. pp. 36, 3 tabs.: 4 pls. See ALLGEMEINE SCHWEIZERISCHE GESELLSCHAFT, &c. Neue Denkschriften, &c. Tom. XXI. 4°. 1865.**Stoehr** (E.) Der Vulkan Tengger in Ost-Java, &c. pp. 49: 2 pls. (1 col.) 8°. Dürkheim-a.-H., 1868.**Stoehr** (E.) & **Schwager** (C.) Studio sui Foraminiferi dei Dintorni di Girgenti. pp. 37: 1 pl. 4°. Roma, 1878.

Two reprints from "Boll. R. Comitato Geol. Italia," ix, viz.:-

1. Sulla posizione geologica del Tufo e dei Tripoli nella zona solifera di Sicilia, per E. Stöhr.

2. Nota su alcuni Foraminiferi nuovi del Tufo di Stretto presso Girgenti, per C. Schwager.

STOEHR (PHILIPP ADRIAN) [1849-1911] Zur Entwicklungsgeschichte des Kopfskeletes der Teleostier. See WURZBURG.—KOENIGLICHE JULIUS-MAXIMILIANS-UNIVERSITAET. Festschrift der dritten Säcularfeier der Alma Julia Maximiliana, &c. Bd. II, no. 4. 4°. 1882.**Stoehr** (P. A.) Gedächtnisrede auf A. von Kölliker... von P. Stöhr. pp. 22: 1 port. See WURZBURG.—PHYSIKALISCH-MEDICINISCHE GESELLSCHAFT. Verhandlungen, &c. Neue Folge, Bd. xxxviii, no. 9. 8°. 1906.**STOELTER** (GEORG FRIEDRICH) Practische Resultate der Blutegeizucht und deren Rentabilität. pp. 22. 4°. Hildesheim, 1860.**STOERCK** (ANTON VON) [1731-1803] [A. Störck... Libellus (—Libellus secundus) quo demonstratur: Cicutam non solum usu interno tutissime exhiberi, sed et esse simul remedium valde utile in multis morbis, qui hucusque curatu impossibiles dicebantur. 8°. Vindobonæ, 1760-61.]

Wanting.

— Libellus... Editio altera. pp. [xiv,] 110. 8°. Vindobonæ, 1761.

— [Another edition.] Libellus secundus, &c. pp. [viii,] 292. 8°. Vindobonæ, 1763.

A. Störck... Supplementum necessarium de Cicuta, &c. pp. 67: 1 pl. 8°. Vindobonæ, 1761.

Appendix de Cicuta. See infra, A. Störck... Libellus, quo demonstratur: Colchici autumnalis radicem... tuto posse exhiberi hominibus, &c. 8°. 1763.

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Wanting the translation of the First Essay that appeared in 1760.

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Stoerck (A. VON) An Essay on Hemlock... by... A. Störck [sic]... newly translated from the Latin by F. H., Physician. pp. ix, ii, 62. 8°. Aberdeen, 1762.**Stoerck** (A. VON) A[n] Essay on the medicinal nature of Hemlock. In two parts. To which is annexed, a necessary Supplement on the subject. Translated from the Latin of... A. Störck, &c. pp. 279: 1 pl. 8°. Edinburgh, 1762.**Stoerck** (A. VON) A. Störck... Libellus, quo demonstratur: Stramonium, Hyosciamum, Aconitum... tuto posse exhiberi usu interno hominibus, &c. pp. [ii,] 118: 3 pls. 8°. Vindobonæ, 1762.**Stoerck** (A. VON) A. Störck... Libellus, quo demonstratur: Colchici autumnalis radicem... tuto posse exhiberi hominibus, &c. (Appendix de Cicuta.) pp. 96: 1 pl. 8°. Vindobonæ, 1763.**Stoerck** (A. VON) [Hrn. A. Störcks... Beobachtungen von dem sichern Gebrauch und Nutzen des Schierlings, Stechapfels, Bilsenkrauts, Eisenhütleins und der Zeitlosen. Aus dem Lateinischen übersetzt, und mit einer Vorrede und einigen Erfahrungen vermehrt von G. L. Rumpelt. 8°. Dresden, 1762.]

Wanting.

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This is a translation of all the foregoing works by Störck.

STOESSNER () Ueber die Vegetationsverhältnisse von Annaberg und Umgebung, &c. pp. xxiii. 4°. Annaberg, 1859.

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STOEVER (DIETRICH HEINRICH) [1767-1822] Collectio Epistolarum quas... scripsit C. a Linné... edidit D. H. Stoever. See LINNÆUS (C.) [Letters.] 8°. 1792.

Stoeber (D. H.) *Leben des Ritters C. von Linné, nebst den biographischen Merkwürdigkeiten seines Sohnes ... C. von Linné und einem vollständigen Verzeichnisse seiner Schriften, deren Ausgaben, Uebersetzungen, Auszüge und Commentare.* 2 Thl. [in 1 Vol.] 8°. Hamburg, 1792.

Stoeber (D. H.) *The Life of Sir C. Linnæus ... Translated from the ... German by J. Trapp.* pp. xxxviii, 435: 1 port. 4°. London, 1794.

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STOFFERT (ADOLPH TH.) *Bau und Entwicklung der Schale von Emyda Ceylonensis, Gray.* pp. 26: 9 pls. 8°. Basel, 1889.
Five of the plates having two figures on each of them are counted as double.

STOKES (ALFRED C.) *The Microscope. An illustrated ... magazine ... Edited by ... A. C. Stokes.* Vol. IX, no. 9—XII, no. 3. See MICROSCOPE, The. 8°. 1889-92.

STOKES (ARTHUR HENRY) [1842-1910] [For official reports as Inspector of Mines] See GREAT BRITAIN & IRELAND.—Home Office.

STOKES (CHARLES) [1783?-1853] *Remarks on some Corals obtained from great depths in the Antarctic Ocean.* See ROSS (Sir J. C.) *A Voyage of discovery and research in the southern and antarctic regions, &c.* Vol. I, Appendix IV. 8°. 1847.

Stokes (C.) *Catalogue of the ... Library of ... C. Stokes, comprising works in Geology, Botany, Mineralogy, &c.* pp. 44. 8°. London, 1854.
The auctioneer's catalogue for the sale of this Library, with manuscript notes of the prices paid for the various lots.

STOKES (HENRY NEWLIN) [1859-] *On Pyrite and Marcasite.* pp. 50: 1 pl., text illust. See UNITED STATES.—Geological Survey. Bulletin, &c. No. 186. 8°. 1901.

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Vol. I, Appendix, contains:—

List of Birds.

Descriptions of six Fish ... By Sir J. Richardson.

Descriptions of some new Australian Reptiles. By J. E. Gray.

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Title from cover. Each Stück contains 25 copper-plate engravings (5 x 4 inches) coloured by hand.

Sturm (JACOB) Verzeichniss meiner Insecten-Sammlung, &c. pp. 64: 4 pls. col. 12°. Nürnberg, 1796.

Printed in double column.

Absch. 1. Alphabetisches Verzeichniss meiner Insecten Sammlung.
 „ 2. Beschreibungen nebst Abbildungen einiger Insecten aus meiner Sammlung.

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 12°. (Nürnberg,) 1798.

Sturm (JACOB) Deutschlands Fauna in Abbildungen nach der Natur, mit Beschreibungen. (Fortgesetzt [Abth. v, hft. 20–23] von J. H. C. F. Sturm.) 4 Abth.
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Abth.

- II. Die Vögel. Bearbeitet von J. H. C. F. und J. W. Sturm.
 Hft. 1–8. 18 pls. col., with descriptive letterpress. 1829–34.
 Wanting Pt. 1.
 [Hft. 2. *Parus* & *Columba* is by C. Michahelles.
 „ 3. *Falco*, *Pyrrhocorax* & *Sterna*, by J. G. Wagler.]
- III. Die Amphibien. Hft. 1–6. col. illust. 1797–1828.
 [Hft. 2–4 by J. Wolf, including *Coluber prester*, *C. chersica*, *C. tessellatus* [sic] & *Lacerta montana* by J. C. Mikan.
 Introduction and Hft. 5 & 6 by L. C. Koch.]
- V. Die Insecten. 13 Bd. [in 6.] Atlas, 124 pls. col. [in 2 Vol.] 1805–57.
 [Each Bd. has a separate title, which reads “Deutschlands Insecten . . . Käfer.”
 Bd. XVII, “Trichopterygia . . . Von C. J. F. Gillmeister, 1845,” was also issued independently.]
- VI. Die Würmer. 8 Hft. illust. 1803–29.
 [The “Vorerinnerung” is signed by J. Wolf, and Hft. 1 was issued in collaboration with him.
 Hft. 3 & 4, by J. W. Voith, have each a title which reads: “Systematische Eintheilung der Land- und Fluss-Weichthiere nach ihren wesentlichen Kennzeichen vorzüglich von der Schale. (Aus Histoire naturelle des Mollusques terrestres et fluviatiles [sic] de la France. Par J. P. R. Draparnaud.)”
 Hft. 5–8, by J. D. W. Hartmann von Hartmannsruithi, have a covering title, which reads: “System der Erd- und Süsswasser-Gasteropoden Europa’s. In besonderer Hinsicht auf diejenigen Gattungen, welche in Deutschland und der Schweiz angetroffen werden.”]

Sturm (JACOB) Deutschlands Flora in Abbildungen nach der Natur, mit Beschreibungen. (Herausgegeben) Von J. Sturm. (Fortgesetzt [Abth. I, hft. 93–96 & Abth. III, hft. 31–36] von J. W. Sturm.) 31 Bdchn. [in 27.] 12°. Nürnberg, (1797–) 1801–62.

Abth. I, hft. 1 is of the second edition.

Abth.

- I. [Phanerogamia.] 20 Bdchn. [in 16.]
 Several of the genera are separately treated by different authors, and have distinct title-pages as follows:—
Trifolium. “Die Kleearten Deutschlands . . . mit Beschreibungen von . . . Von Schreber . . . Prof. Hoppe und dem Herausgeber.” Hft. 15, 16. 1804.
Vicia & *Ervum*. “Die Wicken Deutschlands . . . mit Beschreibungen von D. H. Hoppe.” Hft. 31, 32. 1811.
Saxifraga. By Count C. Sternberg. Hft. 33 & 35. 1812–13.
Myosotis, *Echinopspermum*, &c. “Die Vergissmeinnichtarten . . . beschrieben von H. G. L. Reichenbach.” Hft. 42, 43, 1822–23.
Carex. “Caricologia Germanica, oder Beschreibungen und Abbildungen aller in Deutschland wildwachsenden Seggen . . . von D. H. Hoppe und J. Sturm.” Hft. 47, 50, 53, 55, 57, 61, 69. 1827–35.
Cyperaceae et *Juncaceae*. [By D. H. Hoppe.] Hft. 9, 10, 13, 28, 36–40, 44, 52, 71, 77, 78, 85, 86. 1801–40.
Draba. [By D. H. Hoppe.] Hft. 60 & 65. 1832, 84.
 Hft. 63, 64, 66–68, 70, 72–76, 79–84, 87–92. [By W. D. J. Koch.] 1833–46.
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 Hft. 93–96. [By J. W. Sturm.] 1849–55.
- II. Cryptogamie. 5 Bdchn.
 Hft. 3, 4, 6–8. [By D. H. Hoppe.] 1799–1805.
 „ 9–11. [By O. C. Blandow.] 1809–10.
 „ 11–14. [By J. G. W. Voith.] 1810–13.
 „ 15, 16. [By G. F. Kauffuss.] 1815–18.
 „ 17. [By H. C. Funck.] 1819.
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- III. Die Pilze Deutschlands. 6 Bdchn.
 Hft. 1–4. Bearbeitet von L. P. F. Ditmar. 1813–17.
 „ 5, 10, 16–18, 21–24, 27 & 28. Bearbeitet von F. W. T. Rostkiovius. 1823–48.
 „ 6–9, 11–15, 19, 20. Bearbeitet von A. [C.] J. Corda. 1828–41.
 „ 25, 26, 29, 30, 35, 36. Bearbeitet von C. G. Preuss. 1848–62.
 „ 31, 32. Bearbeitet von A. Schnizlein. 1851.
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Wanting.

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Vol. I. Appendix IV. List of Geological Specimens, collected . . . during the first expedition.

„ II. Appendix I. Geological Specimens found to the south-west of Port Jackson.

Sturt (C.) Narrative of an expedition into central Australia . . . during . . . 1844-6. Together with a notice of the Province of South Australia in 1847 [and a short account of Mr. Kennedy's survey of the River Victoria]. 2 Vol. *illustr.*, & *map*. 8°. *London*, 1849.

The Appendix to Vol. II contains the Natural History: the Botanical portion is by R. Brown.

Sturt (C.) Botanical Appendix to . . . Sturt's Expedition into Central Australia. See BROWN (R.) of the *British Museum*. 8°. [1849.]

STUTCHBURY (SAMUEL) [1797-1859] Observations on a few of the most remarkable Shells collected by . . . S. Stutchbury on the coast of some of the Islands of the Australasian and Polynesian groups, together with descriptions of a few new species. See SOWERBY (G. B.) *1st of the name*. 8°. [1829 ?]

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— [Another issue.] See UNITED STATES.—*Pacific Railroad Survey.* Reports, &c. Vol. XII, pt. 3. 4°. 1860.

— [Another issue.] See SUCKLEY (G.) & COOPER (J. G.) *The Natural History of Washington Territory and Oregon, &c.* 4°. 1860.

The first 100 copies of this issue appeared in 1859.

Suckley (G.) & Cooper (J. G.) *The Natural History of Washington Territory and Oregon, with much relating to Minnesota, Nebraska, Kansas, Utah, and California, between the thirty-sixth and forty-ninth parallels of latitude . . . with full catalogues and descriptions of the Plants and Animals collected from 1853-60 . . . This edition contains a new Preface . . . a classified Table of Contents [some additional Plates] and the latest additions and corrections by the authors.* 2 Pt. [in 1 Vol.] illust. 4°. New York, &c., [1859-] 1860.

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Preface, &c. pp. xvii.

Pt. II. Botanical Report. pp. 72 : 6 pls. 1859.

1. Botany. By J. G. Cooper.

2. Catalogue of the Plants collected east of the Rocky Mountains. By A. Gray.

3. Catalogue of Plants collected in Washington Territory. By J. G. Cooper.

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1. Insects. By J. T. [i.e. J. L.] Leconte.

2. Mammals. By J. G. Cooper, G. Suckley and G. Gibbs.

3. I. Land Birds. By J. G. Cooper.

„ II. Water Birds. By G. Suckley.

4. Reptiles. By J. G. Cooper.

5. Fishes. By G. Suckley.

6. Mollusca. By W. Cooper.

7. Crustacea. By J. G. Cooper.

This work (printed in 1857) first appeared in 1859 as a supplement to Vol. I of the "Reports" of the "Pacific Railroad Survey" [q.v. under UNITED STATES]. In 1860 it formed "Book 2" of Vol. XII of a re-issue of the same Survey.

Pp. 72 a-d are an addition to Leconte's portion, reprinted from the "Proc. Acad. Nat. Sci. Philad." for 1859.

It appears to have been first published as a separate work in 1859, under the title "Reports on the Natural History, Climate and Physical Geography of Minnesota, Nebraska, Washington and Oregon Territories," &c. [*Fide* Amer. Journ. Sci. Ser. II, vol. xxx, 1860, p. 138.]

An edition of 100 copies, including the chapter on the Meteorology, and with the "New Preface," was also issued in 1859 under the title:—"The Natural History of Washington Territory, with much relating to Minnesota, Nebraska," &c. [Brit. Mus. Cat. and Preface to the 1860 edition, from which the Meteorology has been omitted.]

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Notes on the Algae, by Dr. Dickie.

Zoology.

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Cephalopoda. [By E. Forbes and J. [i.e. T.] H. Huxley.]

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—Decapoda, &c. [List by A. Adams.]

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Erläuterungen zur geologischen Karte der Gebirge zwischen Lauterbrunnenthal, Kanderthal und Thunersee in 1:50,000 [*i.e.* 1 m. = 1½ in. about]... von A. Baltzer. pp. 38: 1 pl. col., text illust. 8°. Zürich, 1907.

Spezialkarte No. 48a & 43b.

Switzerland.—CARTE GÉOLOGIQUE SUISSE.

Erläuterungen zur geologischen Karte der Simplongruppe in 1:50,000 [*i.e.* 1 m. = 1½ in. about], von C. Schmidt und H. Preiswerk (1892-1905), mit Verwertung der Aufnahmen von A. Stella (1898-1906). pp. viii, 72: 7 pls. (2 plain), 2 maps geol. col., text illust. 8°. Zürich, 1908.

The Map is reckoned as Taf. I of the above. Taf. iv is a "Geologische Kartenskizze der Alpen zwischen St. Gotthard & Montblanc, entworfen von C. Schmidt... Massstab 1:850,000 [*i.e.* 1 in. = 5½ m. about]."

Switzerland.—CARTE GÉOLOGIQUE SUISSE.

Erläuterungen zur geologischen Karte der Umgebung von Aarau 1:25,000 [*i.e.* 1 m. = 2½ in. about]... von... F. Mühlberg. pp. 94: 1 pl., text illust. 8°. Aarau, 1908.

Spezialkarte No. 45.

Switzerland.—CARTE GÉOLOGIQUE SUISSE.

Erläuterungen zur geologischen Karte des Blauenberges bei Basel in 1:25,000 [*i.e.* 1 m. = 2½ in. about], von E. Grippin. pp. 23. 8°. Zürich, 1908.

Spezialkarte No. 49.

Switzerland.—CARTE GÉOLOGIQUE SUISSE.

Erläuterungen zur geologischen Karte des Bürgenstocks, Blatt II der geol. Karte der Pilatus-Bürgenstock-Rigihochfluhkette, in 1:25,000 [*i.e.* 1 m. = 2½ in. about]... Von A. Buxtorf, &c. pp. 48: 1 pl., 1 map, text illust. 8°. Basel, 1910.

Spezialkarte No. 27a & 27b.

Switzerland.—CARTE GÉOLOGIQUE SUISSE.

Erläuterungen zur geologischen Karte der Umgebung des Hallwilersees und des oberen Sur- und Winental, 1:25,000 [*i.e.* 1 m. = 2½ in. about], von... F. Mühlberg. pp. 56. 8°. Aarau, 1910.

Spezialkarte No. 54 & 54b.

Switzerland.—CARTE GÉOLOGIQUE SUISSE.

Erläuterungen zur Geologischen Karte der Schweiz 1:500,000 [*i.e.* 1 in. = 7½ m. about]. II. Auflage, 1912 [*i.e.* 1911], &c. pp. 14. 8°. Aarau, 1912.

Switzerland.—CARTE GÉOLOGIQUE SUISSE.

Erläuterungen zur Geologischen Karte des Gebietes Roggen-Born-Boowald 1:25,000 [*i.e.* 1 m. = 2½ in. about], von F. Mühlberg und P. Niggli. pp. 65. 8°. Aarau, 1913.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [Maps.]

Carte Géologique de la Suisse... sous la direction d'une Commission nommée par la Société Helvétique des Sciences naturelles, &c. Scale 1:100,000 [*i.e.* 1 in. = 1½ m. about]. 25 sh. col. Bern, 1859-87.

— Deuxième édition. Bl. xi & xvi.

Winterthur, 1893, 99.

These two sheets are accompanied by explanations [q.v. supra].

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [Maps.]

Carte du phénomène erratique et des anciens Glaciers du versant nord des Alpes Suisses et de la chaîne du Mont-Blanc, par A. Favre. Échelle 1:250,000 [*i.e.* 1 in. = 3½ m. about]. 4 sh. col. Winterthur, 1884.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [Maps.]

Geologische Karte der Schweiz, 1:500,000 [*i.e.* 1 in. = 7½ m. about]... von A. Heim & C. Schmidt. s.sh. col. [Winterthur,] 1894.

— II. Auflage, 1911... ergänzt von A. Heim.

s.sh. col. Winterthur, 1911.

The wrapper reads:—Geologische Karte der Schweiz... Zweite Auflage. Bern, 1912.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [Maps.]

Carte tectonique des environs de Montier (Jura Bernois), par L. Rollier. Échelle 1:25,000 [*i.e.* 1 m. = 2½ in. about]. s.sh. col. Winterthur, 1901.

Spezialkarte No. 23.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [Maps.]

Carte tectonique des environs de Bellelay (Jura Bernois), par L. Rollier. Échelle 1:25,000 [*i.e.* 1 m. = 2½ in. about]. s.sh. col. Winterthur, 1901.

Spezialkarte No. 24.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [Maps.]

Geologische Karte der Lägernkette. Geologische Aufnahme von... F. Mühlberg. Massstab 1:25,000 [*i.e.* 1 m. = 2½ in. about]. s.sh. col. Winterthur, 1901.

Spezialkarte No. 25.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [Maps.]

Geologische Karte des unteren Aare-, Reuss- und Limmat-Tales, von... F. Mühlberg. Massstab 1:25,000 [*i.e.* 1 m. = 2½ in. about]. s.sh. col. Winterthur, 1904.

Spezialkarte No. 31.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [Maps.]

Carte tectonique d'Envelier et du Weissenstein, par... L. Rollier. Échelle 1:25,000 [*i.e.* 1 m. = 2½ in. about]. s.sh. col. Winterthur, 1904.

Spezialkarte No. 32.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [Maps.]

Carte tectonique des environs de Delémont (Delsberg), par... L. Rollier. Échelle 1:25,000 [*i.e.* 1 m. = 2½ in. about]. s.sh. col. Winterthur, 1904.

Spezialkarte No. 33.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*]
Geologische Karte der Gebirge zwischen Lauterbrun-
nenthal, Kanderthal und Thunersee . . . von E. Gerber,
E. Helgers, A. Trösch . . . Massstab 1 : 50,000 [*i.e.* 1 m. =
1½ in. about]. (— Profiltafel.)

2 sh. col. Winterthur [1907].

Spezialkarte No. 43a & 43b.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*]
Geologische Karte der Umgebung von Aarau . . . von . . .
F. Mühlberg. Massstab 1 : 25,000 [*i.e.* 1 m. = 2½ in.
about].

s.sh. col. Winterthur [1908].

Spezialkarte No. 45.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*]
Geologische Karte des Blauenberges südlich Basel . . .
von . . . E. Greppin. Massstab 1 : 25,000 [*i.e.* 1 m. = 2½ in.
about].

s.sh. col. Winterthur, 1908.

Spezialkarte No. 49.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*]
Carte Géologique du massif de la Dent Blanche . . .
levé géologique par E. Argand . . . Échelle 1 : 50,000
[*i.e.* 1 m. = 1½ in. about].

s.sh. col. Winterthur, 1908.

Spezialkarte No. 52.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*]
Geologische Karte der Simplon-Gruppe, 1 : 50,000 [*i.e.*
1 m. = 1½ in. about], von C. Schmidt und H. Preiswerk,
1892–1905, mit Verwertung der Aufnahmen von A.
Stella . . . 1898–1906. See supra, Erläuterungen zur
geologischen Karte der Simplongruppe in 1 : 50,000, &c.

s.sh. col. 1908.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*]
Geologische Kartenskizze der Alpen zwischen St. Gott-
hard & Montblanc, entworfen von C. Schmidt . . .
Massstab 1 : 350,000 [*i.e.* 1 in. = 5½ m. about]. See supra,
Erläuterungen zur geologischen Karte der Simplon-
gruppe in 1 : 50,000, &c. Taf. IV.

s.sh. col. 1908.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*]
Geologische Karte der Pilatus-Bürgenstock-Rigiboch-
fluhkette, von A. Buxtorf . . . Blatt II : Bürgenstock . . .
Massstab 1 : 25,000 [*i.e.* 1 m. = 2½ in. about]. (Geologi-
sche Profile, &c.)

s.sh. col. Winterthur [1910].

Spezialkarte No. 27a & 27b.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*]
Geologische Karte der Umgebung des Hallwilersees
und des Oberrn Winen- und Surtales, aufgenommen
von . . . F. Mühlberg . . . Massstab 1 : 25,000 [*i.e.* 1 m. =
2½ in. about]. (— Profile, &c.)

2 sh. col. Winterthur [1910].

Spezialkarte No. 54 & 54b.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*]
Carte Géologique des environs du Locle et de La Chaux-
de-Fonds, par L. Rollier et J. Favre. Échelle 1 : 25,000
[*i.e.* 1 m. = 2½ in. about].

s.sh. col. Zürich, 1910.

Spezialkarte No. 59.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*]
Carte Géologique des Hautes-Alpes. Calcaires entre
la Lizerne et la Kander, par M. Lugeon . . . Échelle
1 : 50,000 [*i.e.* 1 m. = 1½ in. about].

s.sh. col. Winterthur, 1910.

Spezialkarte No. 60.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*]
Geologische Karte von Zofingen, aufgenommen . . . von
P. Niggli . . . Massstab 1 : 25,000 [*i.e.* 1 m. = 2½ in. about].

s.sh. col. Zürich, 1912.

Spezialkarte No. 65.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*]
Geologische Karte des Gebietes Roggen, Born, Boo-
wald, Oensingen, Aarburg, St. Urban, aufgenommen . . .
von . . . F. Mühlberg . . . [&] P. Niggli. Massstab
1 : 25,000 [*i.e.* 1 m. = 2½ in. about].

s.sh. col. Winterthur, 1912.

Spezialkarte No. 67.

Switzerland.—CARTE GÉOLOGIQUE SUISSE. [*Maps.*]
Carte Géologique des Tours d'Aï et des régions avoi-
santes (Préalpes Vaudoises), par A. Jeannet . . . Échelle
1 : 25,000 [*i.e.* 1 m. = 2½ in. about].

Carte spéciale No. 68.

SWITZERLAND.—SCHWEIZERISCHE GEOTECHNISCHE
KOMMISSION.

Die Schweizerischen Tonlager, herausgegeben von der
Schweiz. Geotechnischen Kommission, &c. See supra,
CARTE GÉOLOGIQUE SUISSE. Beiträge zur Geologie der
Schweiz, &c. Geotechnische Serie, Lief. 4. 4^o. 1907.

SWITZERLAND.—Club Alpine Suisse.—Section
"Monte-Rosa."
Guide du Botaniste en Valais, &c. See RION (A.) le
Chanoine. 8^o. 1872.

SWITZERLAND.—Schweizerische Botanische
Gesellschaft. See BASEL.

SWITZERLAND.—Schweizerische Entomo-
logische Gesellschaft. See SCHAFFHAUSEN.

SWITZERLAND.—Société Entomologique
Suisse. See SCHAFFHAUSEN.

SWITZERLAND.—Société Géologique Suisse.
(Schweizerische Geologische Gesellschaft.)
See LAUSANNE.

SWITZERLAND.—Société Ornithologique
Suisse. See GENEVA.

SWITZERLAND.—Société Paléontologique
Suisse.

See SCHWEIZERISCHE PALAEOLOGISCHE GESELL-
SCHAFT.

SWITZERLAND. [*Maps.*] Atlas Suisse, levé et
dessiné par I. H. Weiss. [Scale 1 in. = 1 m. about.]
16 sh. Aarau, 1786–1802.

Switzerland. [*Maps.*] Carte Géologique de la Suisse,
par B. Studer et A. Escher von der Linth, &c. [Scale
1 : 380,000, *i.e.* 1 in. = 6 m. about.] 4 sh. col. See STUDER
(B.) Geologie der Schweiz. [With which it was issued.]
1853.

[— Dressée sur la Carte Géographique de la Suisse
de M. I. M. Ziegler. Avec un Index complet des noms
des notices historiques et statistiques. Réduction =
1 : 380,000. Winterthur, 1853.]

Wanting. This appears to be another issue, by Ziegler, of the preced-
ing, accompanied by his Index.

— 2^e édition . . . par I. Bachmann. Réduction
1 : 380,000 [*i.e.* 1 in. = 6 m. about].

4 sh. col. Winterthur [1867].

This edition was based on J. M. Ziegler's "3^e Carte de la Suisse." For
date of publication See Bull. Soc. Géol. France, Sér. II, tom. xxv, p. 168.

— — — Erläuterungen, &c. See STUDER (B.) 8^o. 1869.

Switzerland. [*Maps.*] Carte Géologique des parties
de la . . . Suisse voisines du Mont-Blanc, par A. Favre.
Scale 1 : 150,000 [*i.e.* 1 in. = 2½ m. about]. See MONT-
BLANC. [*Maps.*] s.sh. col. 1862.

Switzerland. [*Maps.*] J. M. Ziegler: Erläuterungen zur dritten Karte der Schweiz... 4^e édition. See ZIEGLER (J. M.) 8^o. 1866.

Ziegler's "Dritte Karte der Schweiz" formed the basis of Studer & Escher von der Linth's "Carte Géologique de la Suisse... 2^e édition," 1867 [q.v. supra].

Switzerland. [*Maps.*] Carte Géologique de la Suisse. B. Studer & A. Escher von der Linth. Réduction de la 2^{me} édition. Réduction 1 : 760,000 [i.e. 1 in. = 12 m. about]. s.sh. col. Winterthur [1873].

Switzerland. [*Maps.*] Karte der Schweiz... nach dem Topographischen Atlasse des eidgenössischen Generalstabes reduziert unter der Direction des Herrn... G. H. Dufour. Maassstab 1 : 250,000 [i.e. 1 in. = 3 $\frac{3}{8}$ m. about]. 4 sh. [Zurich.] 1883-85.

Switzerland. [*Maps.*] [For Geological Maps] See also supra, CARTE GÉOLOGIQUE SUISSE.

SYDENHAM SOCIETY. [Founded 1843 : Dissolved 1858.] On animal and vegetable Parasites of the Human Body, a manual of their natural history, diagnosis and treatment by... F. Küchenmeister... translated from the second German edition by E. Lankester, &c. 2 Vol. illust. col. See KUECHENMEISTER (G. F. H.) 8^o. 1857.

Sydenham Society.

On Tape and Cystic Worms, with an introduction on the origin of intestinal Worms. By C. T. von Siebold... Translated by T. H. Huxley. See SIEBOLD (C. T. E. von). 8^o. 1857.

SYDNEY.—*Botanic Gardens and Domains.*

A Census of the Plants of New South Wales, by C. Moore. pp. 97. 8^o. Sydney, 1884.

Sydney.—*Botanic Gardens and Domains.*

Report... for... 1898 (1899→) fol. (Sydney, 1899→)

SYDNEY.—*International Exhibition, 1879.*

Report... upon certain peculiar habits and customs of the Aborigines of Western Australia. To accompany the collection of weapons, implements, etc., sent to the Exhibition at Sydney... 1879. See ROBERTSON (M.) 8^o. 1879.

Sydney.—*International Exhibition, 1879.*

New Zealand Court... Appendix to Official Catalogue. pp. 67. 8^o. Wellington, 1880.

Sydney.—*International Exhibition, 1879.*

Official record of the... Exhibition. pp. ccvi, 1154 : 1 pl., 2 plans, 1 map geol. col. 8^o. Sydney, 1881.

SYDNEY.—*Mining and Geological Museum.*

See NEW SOUTH WALES.—Department of Mines.

SYDNEY.—*New South Wales Intercolonial Exhibition, 1875.*

Mines and Mineral Statistics of New South Wales, and Notes on the Geological Collection of the Department of Mines... Also remarks on the Sedimentary Formations of N. S. Wales, by... W. B. Clarke... and Notes on the Iron and Coal Deposits, Wallerawang, and on the Diamond Fields, by Prof. Liversidge. pp. ii, 252 : 5 pls., 24 maps & plans (3 col.), text illust. 8^o. Sydney, 1875.

This work was prepared both for the Sydney Exhibition, one of an annual series held under the auspices of the Agricultural Society, and for the Philadelphia International Exhibition of 1876.

SYDNEY.—*Public Library of New South Wales.*

Australasian Bibliography... Catalogue of Books in the Free Public Library, Sydney, relating to, or published in, Australasia, &c. 3 Pt. 1 pl. 4^o. Sydney, 1893.

Sydney.—*Public Library of New South Wales.*

Catalogue... for the years 1869-87. Reference Department. pp. 833. 4^o. Sydney, 1895.

— Supplement... 1888-1892. pp. 250.

4^o. Sydney, 1895.

— Supplement... 1893-1895. pp. 311.

4^o. Sydney, 1897.

— Supplementary Catalogue... 1896-1900. [With Subject Index.] pp. 1124. 4^o. Sydney, 1902.

Sydney.—*Public Library of New South Wales.*

Subject-Index of the Books in the Author Catalogues for the years 1869-1895. Reference Department. pp. 908. 4^o. Sydney, 1903.

SYDNEY.—*Acclimatisation Society of New South Wales.*

See ACCLIMATISATION SOCIETY OF NEW SOUTH WALES.

SYDNEY.—*Australasian Association for the Advancement of Science.*

See AUSTRALASIAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE.

SYDNEY.—*Australian Museum.* [Founded 1836.]

Report of the Trustees, &c. 1863, 1868, 1871, 1878, 1879, 1882→ 4^o. Sydney, 1864→

Sydney.—*Australian Museum.*

Memoirs, &c. No. I→ 8^o. Sydney, 1887→

Sydney.—*Australian Museum.*

Records, &c. Vol. I→ 8^o. Sydney, 1890→

Sydney.—*Australian Museum.*

A Catalogue of the specimens of Natural History and Miscellaneous Curiosities deposited in the... Museum. [By G. Bennett.] pp. 71. 8^o. Sydney, 1837. Catalogue No. 1.

Sydney.—*Australian Museum.*

Catalogue of Mammalia in the collection of the... Museum, by G. Krefft. pp. 134. 8^o. Sydney, 1864. Catalogue No. 2.

Sydney.—*Australian Museum.*

History and description of the skeleton of a new Sperm Whale, lately set up in the... Museum. By W. S. Wall... with some account of a new genus... *Euphysetes*. pp. [ii.] 66 : 2 pls. 8^o. Sydney, 1851.

— [Another edition.] Reprinted, &c. See supra, Memoirs, &c. No. 1. 8^o. 1887.

Sydney.—*Australian Museum.*

Catalogue of the Minerals and Rocks in the collection... of the Museum. By G. Krefft, &c. pp. xvii, 115. 8^o. Sydney, 1873.

Catalogue No. 3.

Sydney.—*Australian Museum.*

[Hints for the preservation of specimens of Natural History. By E. P. Ramsay. 8^o. Sydney, 1876.] Wanting.

— Fourth edition. pp. 32 : text illust. 8^o. Sydney, 1890.

Shells, by J. Brazier.

Insects, by F. A. A. Skuse.

Miscellaneous Marine Organisms, by T. Whitelegge.

Sydney.—Australian Museum.

Catalogue of the Australian Birds in the Australian Museum . . . By E. P. Ramsay, &c. 4 Pt. 8°. *Sydney*, 1876-94.

Catalogue No. 4.
Pt. I. Accipitres. pp. viii, 64. 1876.
" " Supplement. pp. 9 [3]. 1890.
" II. Striges. pp. [iv,] 26 [5]. 1890.
" III. Psittaci. pp. [vii,] 106, iv. 1891.
" IV. Picariæ. Suborder Halcyones. [By A. J. North.] 1894.
pp. [vii,] 24.

— Second edition, with additions by A. J. North. 2 Pt.†

Pt. I. Accipitres. pp. xiii, 74. 1898.
" II. Striges. pp. [v,] 30. 1898.

Sydney.—Australian Museum.

Catalogue of the Australian Stalk- and Sessile-eyed Crustacea. By W. A. Haswell, &c. pp. xxiv, 324 : 4 pls., text *illust.* 8°. *Sydney*, 1882.

Catalogue No. 5.

Sydney.—Australian Museum.

Catalogue of a collection of Fossils in the . . . Museum, with introductory notes [by F. Ratte], &c. pp. xxviii, 159. 8°. *Sydney*, 1883.

Catalogue No. 7.

Sydney.—Australian Museum.

Guide to the Contents of the Australian Museum. [By W. A. Haswell.] pp. [iii,] 56 : 1 plan. 8°. *Sydney*, 1883.

— [Another edition. By S. Sinclair.] pp. 146 : 2 plans. 8°. *Sydney*, 1890.

Sydney.—Australian Museum.

Catalogue of the Australian Hydroid Zoophytes, by W. M. Bale, &c. pp. 198 : 19 pls. 8°. *Sydney*, 1884.

Catalogue No. 8.

Sydney.—Australian Museum.

Descriptive Catalogue (with notes) of the general collection of Minerals in the . . . Museum, by A. F. Ratte. pp. xii, 221. 8°. *Sydney*, 1885.

Catalogue No. 9.

Sydney.—Australian Museum.

Catalogue of the Echinodermata . . . By E. P. Ramsay . . . Pt. I. Echini. Demosticha and Petalosticha, &c. pp. iii, ii, 54 : 5 pls. 8°. *Sydney*, 1885.

Catalogue No. 10.

— Second edition. pp. vii, 59 : 6 photo. pls. 8°. *Sydney*, 1891.

Sydney.—Australian Museum.

Hints for collectors of Geological and Mineralogical specimens. By F. Ratte . . . Second edition, &c. pp. 26 : 1 pl. 8°. *Sydney*, 1887.

The first edition seems to have been issued earlier in the same year.

Sydney.—Australian Museum.

Descriptive Catalogue of the Medusæ of the Australian Seas. In two parts : Pt. I.—Scyphomedusæ. Pt. II.—Hydromedusæ. By R. von Lendenfeld. pp. 32, 49. 8°. *Sydney*, 1887.

Catalogue No. 11.

Sydney.—Australian Museum.

Descriptive Catalogue of the Sponges in the . . . Museum. By R. von Lendenfeld. pp. xiv, 260 : 12 pls. 8°. *London*, 1888.

Catalogue No. 18.

Sydney.—Australian Museum.

Catalogue of the Fishes in the collection of the . . . Museum. Pt. I. Recent Palæichthyan Fishes, by J. D. Ogilby. pp. v, 26. 8°. *Sydney*, 1888.

Catalogue No. 14.

Sydney.—Australian Museum.

Descriptive Catalogue of the Nests and Eggs of Birds found breeding in Australia and Tasmania, by A. J. North, &c. (Appendix.—Appendix II.) pp. i-viii, 1-379, i-v [i,] 380-416 [I] : 21 heliotype pls. col. 8°. *Sydney*, 1889 [i.e. 1890].

Catalogue No. 12.

Owing to the delay in printing off the plates, the work was not issued till 1890 (Ann. Rept. Austral. Mus.). The date "25th May, 1890" is cited on p. 398.

— Supplement, &c. 2 Pt. pp. 33. 8°. [*Sydney*, 1891-92.]

Rec. Austral. Mus. Vol. I & II.

— Second edition . . . with additions. Vol. I—*illust.* 4°. *Sydney*, 1901—→

Special Catalogue No. 1.

Sydney.—Australian Museum.

Australian Lepidoptera, with their transformations, &c. Vol. II. *illust. col.* See SCOTT (A. W.) fol. 1890-98. Monograph No. 1.

Sydney.—Australian Museum.

List of the Cephalopoda in the collection of the . . . Museum. By J. Brazier. pp. 3. 8°. *Sydney*, 1892.

Sydney.—Australian Museum.

Catalogue of the Marine Shells of Australia and Tasmania . . . By J. Brazier. 3 Pt. pp. [v,] 74. 8°. *Sydney*, 1892-93.

Catalogue No. 15.

Pt. I. Cephalopoda.
" II. Pteropoda.
" III. Gasteropoda.—*Murex*.

Sydney.—Australian Museum.

Catalogue of Australian Mammals, with introductory notes on general Mammalogy, by J. D. Ogilby. pp. xvi, 142 : text *illust.* 8°. *Sydney*, 1892.

Catalogue No. 16.

Sydney.—Australian Museum.

Description of a small collection of Tasmanian Silurian Fossils presented to the Australian Museum by . . . A. Montgomery . . . By R. Etheridge, Junr. 4°. [*Hobart*, 1896.]

Report Secretary of Mines for 1895-6. Hobart, 1896. pp. xli-xlviii : 1 pl.

Sydney.—Australian Museum.

Descriptive Catalogue of the Tunicata in the . . . Museum . . . By W. A. Herdman. pp. xviii, 139 : 45 pls. 8°. *Liverpool*, 1899.

Catalogue No. 17.

Sydney.—Australian Museum.

The Australian Museum, Sydney, New South Wales. [Photograph of the Museum Building.] s.sh. 1895.

SYDNEY.—Entomological Society of New South Wales.

See ENTOMOLOGICAL SOCIETY OF NEW SOUTH WALES.

SYDNEY.—Geographical Society of Australasia.

See GEOGRAPHICAL SOCIETY OF AUSTRALASIA.

SYDNEY.—Linnean Society of New South Wales.

See LINNEAN SOCIETY OF NEW SOUTH WALES.

SYDNEY.—Royal Society of New South Wales.

See ROYAL SOCIETY OF NEW SOUTH WALES.

SYDNEY.—Technological Museum.

[1880 Founded as Technological, Industrial and Sanitary Museum of New South Wales.

1882 Destroyed by fire.

1888 Reopened as Technological Museum.]

Annual Report, 1906—→ 4°. [*Sydney*, 1908—→]

Sydney.—Technological Museum.

The useful Native Plants of Australia (including Tasmania), by J. H. Maiden. *pp.* 696.
8°. London & Sydney, 1889.

Sydney.—Technological Museum.

A Research on the Eucalypts, especially in regard to their Essential Oils. By R. T. Baker . . . and H. G. Smith. *pp.* xi, 295, 1 tab.: 45 pls. 4°. Sydney, 1902.
Issued as "Technical Education Series," No. 13, by the New South Wales Department of Public Instruction.

Sydney.—Technological Museum.

[Building and Ornamental Stones of New South Wales.
obl. 8°. Sydney, 1908.]

Wanting.

— 2nd edition. By R. T. Baker. *pp.* 85: 36 pls. col.,
1 map, text illust. obl. 8°. Sydney, 1909.

Sydney.—Technological Museum.

A Research on the Pines of Australia. By R. T. Baker . . . and H. G. Smith, &c. *pp.* xiv, 458: 29 pls. (1 plain),
3 maps (1 col.), text illust. 4°. Sydney, 1910.

SYDNEY.—University. [Founded 1850.]

Calendar, &c. 1903→ 8°. Sydney, 1903→

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Faune Tertiaire moyenne. Par P. Fischer.
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Faune Quaternaire (Plages soulevées). Par P. Fischer.
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Tableau général des corps organisés fossiles de l'Asie Mineure. (Par A. d'Archiac.)

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[Introduction, by P. de Tchihatcheff.]

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Table Alphabétique des substances Minérales citées dans la “Géologie” de l'Asie Mineure.

[Wanting the title-page, Preface by Tchihatcheff, and Introduction by d'Archiac to the whole volume.

Pp. 1-424 & Atlas, pls. i-xix, were issued in 1866. The Appendix, *pp. 425-495, with pls. xx & xxi*, as also the “Tables” covering the two sections Palæontology and Geology, in 1869.]

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[*Appendix.*] Illustrationes Theophrasti, (Catalogus alphabeticus Plantarum Theophrasti, &c.—Tabula systematica Linneana Plantarum Theophrasti. Lexicon Theophrasti), &c. See STACKHOUSE (J.) 8^o. 1811.

Theophrastus. [*Botanical Works.*]

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[*Appendix.*] Die botanischen Schriften des Theophrast von Eresos, &c. See KIRCHNER (E. O. O.) 8^o. 1874.

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Appendix :—

i. Geology.

List of Geological Specimens collected by . . . W. G. Lawes, &c. Described by C. S. Wilkinson.

List of Geological Specimens from British New Guinea and neighbouring islands, collected by Sir W. MacGregor. De- scribed by R. L. Jack.

Notes on Sand and Gravel, Sudest River, collected by Sir W. MacGregor. Described by A. W. Clarke.

Petrological notes on two samples of Rock . . . collected by Sir W. MacGregor. Described by A. W. Clarke.

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Our present knowledge of the Palæontology of New Guinea. By R. Etheridge, junr.

Note upon samples of Hot Spring Water, Fergusson Island . . . procured by Sir W. MacGregor. By Prof. Liversidge.

ii. Succinct general notes on the Flora . . . By Baron von Müller.

iii. Insects. By H. Tryon.

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v. Uses of Shells among the Papuans. By C. Hedley.

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| " [11.] | De usu Menyanthis trifoliatæ ... | Resp. C. J. Kiellman. 1797. | |
| " [12.] | De Oleo Caiuputi Pars prior ... | Resp. J. G. Soederstedt. 1797. | |
| " [13.] | — Pars posterior ... | Resp. J. H. Olin. 1797. | |
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| " [15.] | De Cortice Angusturæ ... | Resp. C. F. Blumenberg. 1798. | |
| " [16.] | De arbore Toxicaria Macassariana ... | Resp. C. Aimeleus. 1788. | |
| " [17.] | De Medicina Africanorum ... | Resp. P. U. Berg. 1785. | |
| " [18.] | Observationes circa remedia nonnulla indigena ... | Resp. L. M. Holmer. 1790. | |
| " [19.] | De Nautarum valetudine tuenda ... | Resp. O. Acrel. 1795. | |
| " [20.] | Observationes in Pharmacopœam Suecicam. Pars prior ... | Resp. E. S. Bogman. 1796. | |

[Thunberg (C. P.) Dissertationes Academicæ Upsaliæ habitæ, &c. (contd.)]

- Vol. II. 1800.
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 - " 7. — " VI . . . S. Kinmanson. 1794.
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Thunberg (C. P.) Voyages de C. P. Thunberg, au Japon, par le Cap de Bonne-Espérance, les Isles de la Sonde, &c. [1770-79]. Traduits, rédigés et augmentés de notes . . . par L. Langlès . . . et revus, quant à la partie d'Histoire naturelle, par J. B. Lamarck, &c. 2 Tom. *illust.* 4^o. Paris, 1796.

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Geology of the Laramie Plains. [By] G. C. Broadhead.

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UNITED STATES. [Voyages, &c.—Alaska.]

Cruise of the Revenue-Steamer Corwin in Alaska and the N.W. Arctic Ocean in 1881. Notes and memoranda, &c. pp. 120 : 12 pls., *text illust.*

4°. Washington [D.C.], 1883.

I. Medical and Anthropological notes on Alaska, by I. C. Rosse.

II. Botanical notes on Alaska, by J. Muir.

III. Birds of Bering Sea and the Arctic Ocean, by E. W. Nelson.

IV. List of Fishes known to occur in the Arctic Ocean north of Bering Strait, by T. H. Bean.

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Report of the International Polar Expedition to Point Barrow, Alaska, &c. pp. 695 : 21 pls., 2 maps.

4°. Washington [D.C.], 1885.

Pt. I. Orders, &c.

II. Narrative, by Lieut. P. H. Ray.

III. Ethnographic sketch of the natives of Point Barrow. By Lieut. P. H. Ray.

IV. Natural History, by J. Murdoch. — 1. Mammals (2. Birds. — 3. Fishes. — 4. Insects. — 5. Marine Invertebrates, exclusive of Mollusks) by J. Murdoch; 6. Mollusks, by W. H. Dall; 7. Collecting localities and dredging stations; 8. Plants, by A. Gray; Appendix.

V. Meteorology.

VI. Magnetism.

VII. Tides.

VIII. Miscellaneous observations.

United States. [*Voyages, &c.—Alaska.*]

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4^o. Washington [D.C.], 1887.

Narrative by E. W. Nelson.

Pt. I. Birds . . . with a partial Bibliography of Alaskan Ornithology, by E. W. Nelson.

" 2. Mammals . . . by E. W. Nelson and F. W. True.

" 3. Fishes, by E. W. Nelson, with additional notes by T. H. Bean.

" 4. Diurnal Lepidoptera collected . . . by E. W. Nelson, by W. H. Edwards, with an introduction by E. W. Nelson.

United States. [*Voyages, &c.—Amazon Valley.*]

Exploration of the Valley of the Amazon made . . . by W. L. Herndon and L. Gibbon. 2 Vol. *illustr.* & Atlas, 2 Vol.

8^o. Washington [D.C.], 1853-54.

Vol. II wants the plate of "Vinchuta (Bolivia)."

United States. [*Voyages, &c.—Arctic.*]

The U.S. Grinnell Expedition in search of Sir J. Franklin, &c. See KANE (E. K.)

8^o. 1854.

United States. [*Voyages, &c.—Arctic.*]

Arctic Explorations : The Second Grinnell Expedition, &c. See KANE (E. K.)

8^o. 1856.

United States. [*Voyages, &c.—Arctic.*]

[Narrative of the North Polar Expedition. U.S. Ship *Polaris*, Captain C. F. Hall commanding. Edited under the direction of the Hon. G. M. Robeson . . . by Rear-Admiral C. H. Davis (and J. E. Nourse).

4^o. Washington, D.C., 1876.]

Wanting.

— Third edition. *pp.* 696 : 35 pls., 6 maps, text *illustr.* 8^o. London, 1881.

The title-page only was printed in London, having been substituted by the publisher here for the original.

United States. [*Voyages, &c.—Arctic.*]

Narrative of the Second Arctic Expedition made by C. F. Hall : his Voyage to Repulse Bay, Sledge Journeys to the Straits of Fury and Hecla and to King William's Land, and residence among the Eskimos during . . . 1864-69. Edited . . . by . . . J. E. Nourse. *pp.* l, 644 : 8 pls., 21 maps, text *illustr.* 4^o. Washington [D.C.], 1879.

Appendix III : On the Geology of Frobisher Bay and Field Bay, &c. By B. K. Emerson.

United States. [*Voyages, &c.—Atlantic.*]

Cruise of School-Ship "Mercury" in Tropical Atlantic Ocean. 1870-1871. *pp.* 33 : 1 pl., 1 map, text *illustr.* 8^o. New York, 1871.

United States. [*Voyages, &c.—China Seas & Japan.*]

Narrative of the expedition of an American squadron to the China Seas and Japan . . . in . . . 1852-54, under the command of Commodore M. C. Perry . . . compiled . . . by F. L. Hawks. 3 Vol. *illustr.*

4^o. Washington [D.C.], 1856.

Vol. I. [Narrative.]

" II. Contains, *inter alia* :—

Report . . . on the Agriculture of Madeira, the Cape of Good Hope, Mauritius, &c. By D. S. Green.

Report . . . on the Agriculture of Lew Chew. By J. Morrow.

Report . . . on the . . . Agriculture of the Island of Great Lew Chew. By D. S. Green.

Report . . . on the Botany, Ethnography, &c., of the Island of Great Lew Chew. By C. F. Fahs.

Report . . . of a Geological exploration, &c., of the Island of Great Lew Chew. By G. Jones.

Report . . . upon the exploration of Peel Island. By B. Taylor.

Report . . . of an exploration of Peel Island. By C. F. Fahs.

Report . . . upon the Agriculture of Japan. By D. S. Green.

Report . . . respecting a Mineral Spring near Hakodadi, on the Island of Jesso, Japan. By G. Jones.

Report . . . upon the Agriculture of China. By D. S. Green.

Reports . . . of a visit to the Coal regions of the Island of Formosa. By G. Jones.

Report of a comparative analysis of Cumberland, Formosa, and Japan Coal. By B. F. Bache.

Birds collected in Japan (—China, the Loo Choo Islands, the Islands of Singapore and Ceylon, and on the coast of California). By J. Cassin.

United States. [*Voyages, &c.—China Seas & Japan.*]

Narrative of the expedition, &c. (contd.)]

[Vol. II (contd.).]

Notes on some figures of Japanese Fish, &c. By J. C. Brevort.

Report on the Shells collected . . . together with a list of Japan Shells. By J. C. Jay.

Account of the Botanical Specimens. Prepared by A. Gray.

List of dried Plants collected in Japan. By S. W. Williams and J. Morrow.

Carex. By Dr. Boott.

Filices. By D. C. Eaton.

Musci and Hepaticæ. By W. S. Sullivan.

Algae. By W. H. Harvey.

" III. Observations on the Zodiacal Light, &c.

— [Another edition of the narrative.] *pp.* vii, 624 : 76 pls., 9 maps, text *illustr.* 8^o. New York, 1856.

United States. [*Voyages, &c.—China Seas & Japan.*]

Reise um die Erde nach Japan an Bord der Expeditions-Escadre unter Commodore M. C. Perry in . . . 1853-55 [*i.e.* 1852-54], &c. See HEINE (P. B. W.)

8^o. 1856.

United States. [*Voyages, &c.—North Pacific.*]

Shells of the North Pacific exploring expedition; Commanders Ringgold and Rodgers, &c. See GOULD (A. A.)

4^o. 1862.

United States. [*Voyages, &c.—North Pacific.*]

Report on the Crustacea (Brachyura and Anomura) collected by the North Pacific Exploring Expedition, 1853-56. By W. Stimpson. *pp.* 240 : 26 pls. See SMITHSONIAN INSTITUTION. Smithsonian Miscellaneous Collections. (No. 1717) Vol. XLIX.

8^o. 1907.

United States. [*Voyages, &c.—Palestine.*]

Narrative of the . . . expedition to the River Jordan and the Dead Sea. See LYNCH (W. F.)

8^o. 1849.

United States. [*Voyages, &c.—Palestine.*]

Official Report of the . . . expedition to explore the Dead Sea and the River Jordan, by . . . W. F. Lynch, &c. *pp.* 235 : 31 pls., 1 map, text *illustr.*

4^o. Baltimore, 1852.

Contains, *inter alia* :—

Art. IV. D. Ornithological Report . . . by J. Cassin.

" " E. Botanical Report, by R. E. Griffith.

" V. Geological reconnaissance of part of the Holy Land, by H. J. Anderson.

" VI. Paleontological Report : Description of the Fossils of Syria, by T. A. Conrad.

The plates are 8^o. size, placed in pairs.

United States. [*Voyages, &c.—South America.*]

The U.S. Naval Astronomical Expedition to the southern hemisphere, during . . . 1849-52. Lieut. J. M. Gilliss, Superintendent, &c. Vol. I & II.

4^o. Washington [D.C.], 1855.

Vol. I. Chile : its geography, climate . . . mineral and agricultural resources . . . &c. By Lieut. J. M. Gilliss. (Appendix A, B & C.) *pp.* xiii, 556 : 12 pls., 1 map.

" II, pt. I. Report of Journeys across the Andes and Pampas of the Argentine Provinces . . . by Lieut. A. Macrae.

Appendix D. Report on the minerals and mineral waters of Chile : by J. L. Smith.

Appendix E. A description of the Indian antiquities brought from Chile and Peru . . . By T. Ewbank.

Appendix F. Zoology.

Mammals. By S. F. Baird.

Birds. By J. Cassin.

Reptiles. By C. Girard.

Appendix G. Botany.

List of dried Plants brought from Chile . . . By A. Gray.

List of living Plants and Seeds. By W. D. Brackenridge.

Appendix H. Paleontology.

Description of a portion of the lower jaw and a tooth of the *Mastodon Andium* ; also of a tooth and fragment of the femur of a *Mastodon* from Chile. By J. Wyman.

Some remarks on the organic remains from Chile, with descriptions of the species, by T. A. Conrad.

pp. ix, 300 : 35 pls. (col.), 2 maps, text *illustr.*

Four other volumes, dealing with Meteorology and Astronomy, were also published.

United States. [*Voyages, &c.—Wilkes Expedition.*]

Synopsis of the cruise of the U.S. Exploring Expedition, during 1838-42, &c. See WILKES (C.)

4^o. 1842.

United States. [*Voyages, &c.—Wilkes Expedition.*]
United States Exploring Expedition . . . 1838–42.
Under the command of C. Wilkes.

fol. *Philadelphia*, 1845–76.

- Vol. I–V. Narrative . . . By C. Wilkes, & Atlas, 5 maps. 1845.
[According to the Catalogue of the Library of Congress, these volumes were first issued in 1844, which is the official date of their registration, as given on the back of the title-page.]
- „ [VII.] Zoophytes. By J. D. Dana. pp. 740, 12: 61 pls. (col.), text illust. 1846, 49.
- „ [VIII.] Mammalogy and Ornithology. By J. Cassin. pp. viii, 466: 42 pls. col. 1858.
[This section, originally written by T. R. Peale, and published in 1848, was afterwards suppressed.]
- „ [X.] Geology. By J. D. Dana. pp. xii, 756: 4 maps, text illust. Atlas, pp. 6: 21 pls. [1849.]
- „ XII. Mollusca and Shells. By A. A. Gould. pp. xv, 510: 53 pls. col. 1852–56.
- „ XIII. Crustacea. By J. D. Dana. 2 Pt. pp. viii, 1618, 27: 96 pls. (col.) 1852–55.
- „ XIV. Botany. Phanerogamia. By A. Gray. pp. 777, 4: 100 pls. 1854–57.
- „ XV. Pt. 1. The Geographical Distribution of Animals and Plants. By C. Pickering. pp. 168 [44]. 1854.
Pt. 2. Plants in their wild state. By C. Pickering. pp. [iii], 524: 3 maps col. 1876.
- „ XVI. Botany. Cryptogamia. Filices, including Lycopodiaceae and Hydropterides. By W. D. Brackenridge. pp. viii, 367, 7: 46 pls. 1854–55.
- „ XVII. Botany. pp. 514: 29 pls.
I. Lower Cryptogamia.
[Musci. By W. S. Sullivant. pp. 112.]
Wanting.
Lichenes. By E. Tuckerman.
Algæ. By J. W. Bailey and W. H. Harvey.
Fungi. By M. A. Curtis and M. J. Berkeley. 1862.
- II. Phanerogamia of the Pacific coast of North America. By J. Torrey. 1874.
- „ [XX.] Herpetology. By C. Girard. pp. xvii, 496, 10: 32 pls. col. 1858.
- [For notes on the dates of publication of the volumes, See paper by F. S. COLLINS in "Rhodora," Vol. XIV, 1912, pp. 57–68.]

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— [Another edition.] Vol. XVII. Musci. pp. 32: 26 pls.
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United States. [*Voyages, &c.—Wilkes Expedition.*]
Narrative of the United States Exploring Expedition, during the years 1838–42. By C. Wilkes. 2 Vol. illust. 8°. London, 1852.
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Conspectus Crustaceorum, quæ in orbis terrarum circumnavigatione, C. Wilkes . . . duce . . . lexit et descripsit J. D. Dana, &c. See DANA (J. D.) 8°. 1847–49.

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UNITED STATES.—COAST AND GEODETIC SURVEY.
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Deep-sea Sounding and Dredging. A description and discussion of the methods and appliances used on board the . . . Survey Steamer "Blake." By C. D. Sigsbee. pp. 221: 43 pls., text illust. 4°. *Washington* [D.C.], 1880.

United States.—COAST AND GEODETIC SURVEY.
Geodesy. The Figure of the Earth and Isostasy from measurements in the United States. By J. F. Hayford. pp. 178: 1 pl., 5 maps. 4°. *Washington* [D.C.], 1909.

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See infra, FISHERY REPORTS.—Bureau of Fisheries.

UNITED STATES.—CONGRESS.
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UNITED STATES.—DEPARTMENT OF AGRICULTURE.
Report of the Commissioner, &c. 1867, 1868, 1871, 1876–78, 1886 & 1888. 8°. *Washington* [D.C.], 1868–89.
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Report of the Secretary of Agriculture. 1889–93 & 1902. 8°. *Washington* [D.C.], 1889–94 & 1902.

In 1895 the scientific papers were separated from the departmental reports and published apart in the "Yearbook" [q.v. infra].

United States.—DEPARTMENT OF AGRICULTURE.
Farmers' Bulletin No. 2→
8°. *Washington* [D.C.], 1892→

Wanting many of the numbers.
Each number forms a separately-paged tract.

United States.—DEPARTMENT OF AGRICULTURE.

Yearbook, &c. 1894-1900, 1902, 1903, 1906→

8°. *Washington [D.C.]*, 1895→Prior to 1895 the scientific papers gathered in these annual volumes were issued with the "Report of the Secretary" [*q.v.* supra].**United States.**—DEPARTMENT OF AGRICULTURE.Journal of Agricultural Research. Vol. I→ *illust.* (col.)8°. *Washington, D.C.*, 1913→**United States.**—DEPARTMENT OF AGRICULTURE.Bulletin, &c. No. 1→ *illust.* 8°. [*Washington*, 1913→]

Wanting No. 1-4, 6 & 7, 9-13, 16-14, 46-61, & 63→

United States.—DEPARTMENT OF AGRICULTURE.

List of Bulletins and Circulars issued by the ... Department ... corrected to January 1, 1903.

8°. [*Washington, D.C.*, 1903.]**United States.**—DEPARTMENT OF AGRICULTURE.

The Agricultural possibilities of the [Panama] Canal Zone. Pt. I. Reconnaissance Soil Survey. By H. H. Bennett ... Pt. II. The outlook for Agriculture. By W. A. Taylor. pp. 49: 12 pls. back to back, 1 map col.

8°. *Washington [D.C.]*, 1912.

Office of the Secretary: Report No. 95.

United States.—DEPARTMENT OF AGRICULTURE.—*Agrostology Division.*

Bulletin No. 1-14, 17, 19-22 & 24.

8°. *Washington [D.C.]*, 1895-1900.

Each number contains a separately-paged memoir.

United States.—DEPARTMENT OF AGRICULTURE.—*Agrostology Division.*

Circular No. 1-10, 28-30.

8°. *Washington [D.C.]*, 1895-1901.**United States.**—DEPARTMENT OF AGRICULTURE.—*Animal Industry Bureau.*Annual Report, &c. No. 3-7, 10, 11, 14 & 17, 18, 20, 25-28. *illust.*8°. *Washington [D.C.]*, 1887-1913.**United States.**—DEPARTMENT OF AGRICULTURE.—*Animal Industry Bureau.*Bulletin No. 6-167. 8°. *Washington [D.C.]*, 1894-1913.

Wanting many of the numbers.

United States.—DEPARTMENT OF AGRICULTURE.—*Animal Industry Bureau.*Circular No. 1-218. 8°. *Washington [D.C.]*, 1895-1913.

Wanting many of the numbers.

United States.—DEPARTMENT OF AGRICULTURE.—*Biological Survey Division.*

Bulletin, &c. No. 1-45.

8°. *Washington [D.C.]*, 1889-1913.

Wanting No. 15-31.

Each number contains a separately-paged Memoir.

United States.—DEPARTMENT OF AGRICULTURE.—*Biological Survey Division.*

North American Fauna. No. 1→

8°. *Washington [D.C.]*, 1889→

Each number contains a separately-paged Memoir.

No. 6 & 9 are not yet (1914) published.

United States.—DEPARTMENT OF AGRICULTURE.—*Biological Survey Division.*

Catalogue of the Type-specimens of Mammals in the United States National Museum, including the Biological Survey Collection. By M. W. Lyon, Jr. ... and W. H. Osgood. pp. ix [i], 325. See UNITED STATES NATIONAL MUSEUM. Bulletin 64.

8°. 1909.

United States.—DEPARTMENT OF AGRICULTURE.—*Biological Survey Division.*

Index to Papers relating to the Food of Birds, by members of the Biological Survey, in publications of the United States Department of Agriculture, 1885-1911. pp. 69. See supra, Bulletin No. 43.

8°. 1913.

United States.—DEPARTMENT OF AGRICULTURE.—*Botany Division.*

Bulletin No. 6-9, 12-18, 20, 21, 24, 27 & 29.

8°. & 4°. *Washington [D.C.]*, 1888-1901.No. 12 & 13 in 4° form Vasey's "Illustrations of North American Grasses," *q.v.* infra.**United States.**—DEPARTMENT OF AGRICULTURE.—*Botany Division.*Contributions from the United States National Herbarium. Vol. I-VII. *illust.*8°. *Washington [D.C.]*, 1890-1902.The Herbarium was initiated by the Smithsonian Institution in 1849, and transferred in 1868 to the Department of Agriculture. In 1896 the official custody of the collection repassed to the Smithsonian Institution, whilst the publication of the "Contributions" was continued by the Department of Agriculture. In July, 1902, the UNITED STATES NATIONAL MUSEUM [*q.v.* for Vol. VIII→] assumed responsibility for publication.**United States.**—DEPARTMENT OF AGRICULTURE.—*Botany Division.*Circular No. 1-30. 8°. *Washington [D.C.]*, 1894-1902.

Wanting No. 4.

United States.—DEPARTMENT OF AGRICULTURE.—*Botany Division*

The Agricultural Grasses of the United States, by G. Vasey ... also the Chemical Composition of American Grasses, by C. Richardson. pp. 144: 120 pls.

8°. *Washington [D.C.]*, 1884.**United States.**—DEPARTMENT OF AGRICULTURE.—*Botany Division.*

Illustrations of North American Grasses ... By ... G. Vasey. 2 Vol. 200 pls. with descriptive letterpress.

4°. *Washington [D.C.]*, 1890-93.

Originally issued as Bulletins 12 & 13 of this Division of the Department.

Vol. I. Grasses of the Southwest. Plates and descriptions of the Grasses of the desert region of western Texas, New Mexico, Arizona, and southern California. 2 Pt. 1890-91.
" II. Grasses of the Pacific Slope, including Alaska and the adjacent islands. Plates and descriptions of the Grasses of California, Oregon, Washington, and the north-western coast, including Alaska. 2 Pt. 1892-93.**United States.**—DEPARTMENT OF AGRICULTURE.—*Entomology Division.*Bulletin No. 1-33.† 8°. *Washington [D.C.]*, 1883-94.

Wanting No. 1-3 & 33.

No. 6 & 10 are of the second edition.

— New Series, No. 1-40.†

8°. *Washington [D.C.]*, 1895-1903.

— No. 41-127.

8°. *Washington [D.C.]*, 1903-13.

Most of the numbers of these Series of Bulletins contain each a single paper.

United States.—DEPARTMENT OF AGRICULTURE.—*Entomology Division.*

An Index to Bulletins No. 1-30 (New Series) (1896-1901), &c. See supra, Bulletin No. 36, New Series.

8°. 1902.

United States.—DEPARTMENT OF AGRICULTURE.—*Entomology Division.*

Circular. (Second Series.) No. 2-173.

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Catalogue of Plants collected in . . . 1871-73, with descriptions of new species. *pp. 62.* 8°. *Washington [D.C.]*, 1874.

List of Plants collected in Nevada, Arizona, and Utah . . . in 1871 and 1872. (Botanical Report.) By S. Watson.

Preliminary Report on the Botany of Central Colorado. (By J. T. Rothrock.)

Leguminosae. [Determined by A. Gray and S. Watson.]

Compositae. [Identified by A. Gray.]

Coniferae (named by J. Hoopes).

Caricæ. By S. T. Olney.

Gramineae. Determined by G. Vasey.

Equisetaceae—Filices—Lycopodiaceae. [Identified by D. C. Eaton.]

Musci. By T. P. James.

Hepaticae. By C. F. Austin.

United States.—GEOGRAPHICAL AND GEOLOGICAL EXPLORATIONS AND SURVEYS WEST OF THE ONE HUNDREDTH MERIDIAN.

Preliminary Report upon Invertebrate Fossils collected by the expeditions of 1871-73, with descriptions of new species. [By] C. A. White. *pp. 27.*

8°. *Washington [D.C.]*, 1874.

United States.—GEOGRAPHICAL AND GEOLOGICAL EXPLORATIONS AND SURVEYS WEST OF THE ONE HUNDREDTH MERIDIAN.

Report upon Ornithological Specimens collected in . . . 1871-73. *pp.* 148. 8°. *Washington [D.C.]*, 1874.

Report upon and List of Birds collected [in Utah and Nevada] . . . in 1872 . . . By H. C. Yarrow and H. W. Henshaw.
An annotated List of the Birds of Utah. By H. W. Henshaw.
Report upon and List of Birds collected . . . in 1873 . . . By H. W. Henshaw.

United States.—GEOGRAPHICAL AND GEOLOGICAL EXPLORATIONS AND SURVEYS WEST OF THE ONE HUNDREDTH MERIDIAN.

Report, &c. Vol. I-VI & Geological Atlas. 4°. & fol. *Washington [D.C.]*, 1874-89.

Wanting Vol. VII, Archaeology.

- Vol. I. Geographical Report. *pp.* 780: 38 pls., 3 maps col. 1889.
" II. Astronomy and Barometric Hypsometry. *pp.* xiii, 571: 22 pls., text *illustr.* 1877.
" III. Geology. *pp.* 681: 14 pls., 2 maps, text *illustr.* Atlas, 12 maps col. 1874, 75.
Pt. 1-5. Reports upon the Geology. By G. K. Gilbert, A. R. Marvine, E. E. Howell, J. J. Stevenson.
" 6. Report upon Mineralogical, Agricultural, and Chemical Conditions observed. By O. Loew.
" " Geology. By J. J. Stevenson. (Appendix.—Report on the Carboniferous Invertebrate Fossils. By C. A. White.) *pp.* 420, xxviii: 4 pls., text *illustr.* 1881.
" IV. Pt. 1. Paleontology. Report upon the invertebrate fossils. By C. A. White. *pp.* 12, 219: 21 pls., text *illustr.* 1875.
" 2. — Report upon the Extinct Vertebrata. By E. D. Cope. *pp.* xii, 370: 62 pls., text *illustr.* 1877.
[These two parts were also issued in one volume dated 1877.]
" V. Zoology. *pp.* 1021: 45 pls. (28 col.), text *illustr.* 1875.
Chap. I. Notes upon geographical Distribution and Variation. By H. C. Yarrow.
" 2. Report upon the collections of Mammals. By E. Coues and H. C. Yarrow.
" 3. Report upon the Ornithological collections. By H. W. Henshaw.
" 4. Report upon the collections of Batrachians and Reptiles. By H. C. Yarrow.
" 5. Synopsis of the Reptiles and Batrachians. By E. Coues.
" 6. Report upon the collections of Fishes. By E. D. Cope and H. C. Yarrow.
" 7. Report upon the collections of Hymenoptera, by E. T. Cresson; with list of Formicidæ, by E. Norton.
" 8. Report upon the collections of Diurnal Lepidoptera, with notes, by T. L. Mead; and a list, by W. H. Edwards.
" 9. Report upon new species of Zyganidæ and Bombycidæ. By R. H. Stretch.
" 10. Report upon the collection of Diptera. By C. R. Osten-Sacken.
" 11. Report upon the collections of Coleoptera. By H. Ulke.
" 12. Report upon the collections of Hemiptera. By F. R. Uhler.
" 13. Report upon the collections of Orthoptera [and Arachnida]. By C. Thomas.
" 14. Report upon the collections of Neuroptera and Pseudo-Neuroptera. By H. A. Hagen.
" 15. Report upon the collections of Terrestrial and Fluvial Mollusca. By H. C. Yarrow.
" 16. Report upon the collections of Freshwater Leeches. By A. E. Verrill.
" VI. Botany. *pp.* xx, 404: 31 pls. (1 col.) 1878.
Chap. 1. Notes on Colorado. By J. T. Rothrock.
" 2. Notes on New Mexico. By J. T. Rothrock.
" 3. Notes on Economic Botany. By J. T. Rothrock.
" 4. Catalogue of Plants collected in Nevada, Utah, Colorado, New Mexico, and Arizona, with descriptions of those not contained in Gray's Manual of the Northern U.S., and Vol. v, Geological exploration of the fortieth parallel. By J. T. Rothrock . . . and . . . S. Watson, G. Engelmann, T. C. Porter, M. S. Bebb, W. Boot, G. Vasey, D. C. Eaton, T. P. James, E. Tuckerman [and C. F. Austin].
Appendix. California collection.

United States.—GEOGRAPHICAL AND GEOLOGICAL EXPLORATIONS AND SURVEYS WEST OF THE ONE HUNDREDTH MERIDIAN.

Systematic Catalogue of Vertebrata of the Eocene of New Mexico. Collected in 1874. [By] E. D. Cope. *pp.* 37. 8°. *Washington [D.C.]*, 1875.

United States.—GEOGRAPHICAL AND GEOLOGICAL EXPLORATIONS AND SURVEYS WEST OF THE ONE HUNDREDTH MERIDIAN.

Catalogue and Index of the Publications of the . . . Surveys, &c. See *infra*, GEOLOGICAL SURVEY. Bulletin No. 222. 8°. 1904.

UNITED STATES.—GEOLOGICAL SURVEY OF WISCONSIN, IOWA & MINNESOTA.

Report of a Geological Survey of Wisconsin, Iowa, and Minnesota; and incidentally of a portion of Nebraska Territory . . . By D. D. Owen. *pp.* 638: 46 pls. (col.), 4 maps (col.), text *illustr.* 4°. *Philadelphia*, 1852.

Contains, *inter alia*, geological reports by J. G. Norwood, C. Whittlesey and B. F. Shumard.

Description of the remains of extinct Mammalia and Chelonia, from Nebraska Territory . . . By J. Leidy. Appendix.

- Article 1. Description of new and imperfectly known genera and species of Organic remains . . . By D. D. Owen.
" 2. Descriptions of . . . new genus and . . . new species of Crinoidea . . . By D. D. Owen and B. F. Shumard.
" 3. Summary of the distribution of orders, genera, and species, in the Northwest.
" 4. Additional Chemical Examinations. By D. D. Owen.
" 5. Systematic Catalogue of Plants of Wisconsin and Minnesota. By C. C. Parry.
" 6. Systematic Catalogue of Birds . . . By H. Pratten.

UNITED STATES.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.

Preliminary field report of the . . . Survey of Colorado and New Mexico . . . by F. V. Hayden. [Forming the third Annual Report of the Survey.] *pp.* 155.

8°. *Washington [D.C.]*, 1869.

The two preceding Reports for 1867 and 1868 were published as part of the "Report of the Commissioner of the General Land Office" for those years.

The three were then issued as:—

First, Second, and Third Annual Reports of the . . . Survey . . . for the years 1867-69, &c. *pp.* 261 [1].

8°. *Washington [D.C.]*, 1873.

Preliminary Report of the . . . Survey of Wyoming . . . (being a Second [*i.e.* Fourth] Annual Report of progress), &c. *pp.* 511: text *illustr.*

8°. *Washington [D.C.]*, 1871.

— Survey of Montana . . . being a Fifth Annual Report of progress, &c. *pp.* 538: 2 pls., 5 maps, text *illustr.*

8°. *Washington [D.C.]*, 1872.

Wanting the Supplement "Report on Fossil Flora. By L. Lesquereux."

[Continued as:]

Annual Report, &c. No. 6-12†. 1872-78.

8°. *Washington [D.C.]*, 1873-83.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.

Miscellaneous Publications. No. 1-12†

8°. *Washington [D.C.]*, 1873-80.

Wanting No. 2 & 9.

Each number contains a separately-paged paper.

- No. 3. Birds of the Northwest: a handbook of the Ornithology of the region drained by the Missouri River and its tributaries. By E. Coues. *pp.* xi, 791. 1874.
" 4. Synopsis of the Flora of Colorado, by T. C. Porter and J. M. Coulter. *pp.* 180. 1874.
" 7. Ethnography and Philology of the Hidatsa Indians. By W. Matthews. *pp.* vi, 239. 1877.
" 8. Fur-bearing Animals: a monograph of North American Mustelidæ . . . By E. Coues. *pp.* xiv, 348: 20 pls. 1877.
" 10. Bibliography of North American Invertebrate Paleontology . . . including the West Indies and Greenland. By C. A. White . . . and H. A. Nicholson. *pp.* 132. 1878.
[For Supplement, See Bulletin, Vol. v, no. 1.]
" 11. Birds of the Colorado Valley . . . By E. Coues. Part First, Passeres to Laniidæ. Bibliographical Appendix. (List of Faunal Publications relating to North American Ornithology). *pp.* xvi, 807: text *illustr.* 1878.
[For the second and third instalments of the "Bibliography," See Bulletin, Vol. v, No. 2 & 4.]
" 12. History of North American Pinnipeds. A monograph of the Walrus, Sea-Lions, Sea-Bears and Seals of North America. By J. A. Allen. *pp.* xvi, 785: text *illustr.* 1880.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.

Report, &c. Vol. I-III, V-XIII.†

4^o. Washington [D.C.], 1873-90.

- Vol. I. Pt. 1. Contributions to the extinct Vertebrate Fauna of the Western Territories. By J. Leidy. pp. 358: 37 pls. 1873.
 " II. The Vertebrata of the Cretaceous formations of the West. By E. D. Cope. pp. iv, 302: 67 pls., text illust. 1875.
 " III. The Vertebrata of the Tertiary formations of the West. By E. D. Cope. 2 Vol. pp. xxxiv, 1009, 1 tab.: text illust. Atlas, 134 pls. 1883, 84.
 [Wanting pl. lxxv.]
 " IV. [Not published.]
 " V. Zoology and Botany.
 Pt. 1. Synopsis of the Acrididae of North America. By C. Thomas. pp. x, 262: 2 pls. 1873.
 " VI. } Contributions to the fossil Flora of the Western Territories. By L. Lesquereux.
 " VII. }
 " VIII. } Pt. 1. The Cretaceous Flora. pp. (viii), 186: 30 pls. 1874.
 " 2. The Tertiary Flora. pp. xv, 366: 65 pls. 1878.
 " 3. The Cretaceous and Tertiary Floras. pp. xii, 283: 60 pls. 1883.
 " IX. A report on the Invertebrate Cretaceous and Tertiary Fossils of the Upper Missouri country. By F. B. Meek. pp. lxiiv, 629: 45 pls., text illust. 1876.
 " X. A monograph of the Geometrid Moths, or Phalaenidae of the United States. By A. S. Packard, Jr. pp. iv, 607: 13 pls. 1876.
 " XI. Monographs of North American Rodentia. By E. Coues . . . and J. A. Allen. pp. xii, x, 1091: 6 pls., text illust. 1877.
 " XII. Fresh-water Rhizopods of North America. By J. Leidy. pp. xi, 324: 48 pls. 1879.
 [XIII. The Tertiary Insects of North America. By S. H. Scudder. 1890.]
 Wanting.
 Also issued as Vol. II of the author's "Fossil Insects of North America" [q.v.].

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.

Bulletin, &c. Vol. I-VI.† 8^o. Washington [D.C.], 1874-82.

Vol. III wants pp. 631-654. Vol. I consists of eight numbers divided into two Series: the first is formed of two separately-paged numbers, whilst in the second the pagination is continuous.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.

Final Report of the . . . Survey of Nebraska and portions of the adjacent territories, &c. pp. 264: 11 pls., 1 map col., text illust. 8^o. Washington [D.C.], 1872.

- Pt. 1. The Report.
 " 2. Paleontology.—Report on the Paleontology of eastern Nebraska. By F. B. Meek.—Descriptions of Fossil Fishes from the Upper Coal Measures. By O. St. John.
 " 3. Entomology.—Notes on the Orthoptera. By S. H. Scudder.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.

Synopsis of new Vertebrata from the Tertiary of Colorado, obtained during . . . 1873. By Prof. E. D. Cope. (Extracted from the Seventh Annual Report of the . . . Survey), &c. pp. 19. 8^o. Washington [D.C.], 1873.

"Only quasi-extracted from the Report of which it ostensibly forms part. It was published in advance of the Seventh Annual Report as a separate pamphlet; and finally appeared in that Report so much modified as to be in effect a different article." (Cat. of Publications, 3rd ed.)

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.

Report on the Geology of the eastern portion of the Uinta Mountains and a region of country adjacent thereto . . . By J. W. Powell. pp. vii, 218: 4 pls., text illust. Atlas, 6 pls., 2 maps.

4^o. & fol. Washington [D.C.], 1876.

Chapter III. Invertebrate Paleontology of the Plateau Province. By C. A. White.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.

Preliminary Report of the Field Work, &c. 1877 & 1878. 2 No. 8^o. Washington [D.C.], 1877, 78.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.

Sketch of the origin and progress of the . . . Survey, &c. pp. 15. 8^o. Washington [D.C.], 1877.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.

Extracts from letters and notices of eminent scientific men and journals in Europe and America, commendatory of the . . . Survey, &c. pp. 42.

8^o. Washington [D.C.], 1879.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES.

Catalogue of the Publications, &c.

8^o. Washington [D.C.], 1874.

— Second edition.

8^o. Washington [D.C.], 1877.

— Third edition.

8^o. Washington [D.C.], 1879.

Catalogue and Index of the Publications, &c. See infra, GEOLOGICAL SURVEY. Bulletin No. 222. 8^o. 1904.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES. [Maps.]

Map of the sources of Snake River with its tributaries, together with portions of the headwaters of the Madison and Yellowstone . . . by G. R. Bechler . . . Scale 5 m. = 1 in. s.sh. col. [Washington, D.C., 1872.]

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES. [Maps.]

Map of the Upper (—Lower) Geyser Basin on the Upper Madison River, Montana Terr. after a reconnaissance by G. R. Bechler. Scale 6 in. = 1 m.

2 sh. col. Washington [D.C.], 1872.

United States.—GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES. [Maps.]

Geological and geographical Atlas of Colorado and portions of adjacent territory by F. V. Hayden. 4 pls. (col.), 16 maps (8 col.) fol. [Washington, D.C.] 1877.

UNITED STATES.—GEOLOGICAL EXPLORATION OF THE FORTIETH PARALLEL.

Report, &c. 7 Vol., & Atlases.

4^o. & fol. Washington [D.C.], 1870-80.

- Vol. I. Systematic Geology. By C. King. pp. xii, 803, 14 tabs.: 28 pls. (col.), 12 maps col. 1878.
 Geological and Topographical Atlas, 21 maps (col.), 2 pls. col. 1876.
 " II. Descriptive Geology. By A. Hague and S. F. Emmons. pp. xiii, 890: 26 pls. 1877.
 " III. Mining Industry. By J. D. Hague, with geological contributions by C. King. pp. xv, 647: 38 pls., 1 map. 1870.
 — Atlas. 4 maps col.: 10 pls. col. 1870.
 Geology of the Toyabe Range. By S. F. Emmons.
 Geology of the White Pine district. By A. Hague.
 Egan Cañon district. By S. F. Emmons.
 Lists of Fossils from Utah, with some notes. By F. B. Meek.
 " IV. Pp. xii, 669: 24 pls., text illust. 1877.
 Pt. 1. Paleontology. By F. B. Meek.
 " 2. Paleontology. By J. Hall and R. P. Whitfield.
 " 3. Ornithology. By R. Ridgway.
 " V. Botany. By S. Watson, aided by D. C. Eaton and others. pp. liii, 585: 40 pls., 1 map. 1871.
 Cactaceae. By G. Engelmann.
 Compositae. By D. C. Eaton.
 Polemoniaceae and Eriogonae (Polygonaceae). By A. Gray.
 Naiadaceae. By J. W. Robbins.
 Caricaceae. By S. T. Olney.
 Equisetaceae and Filices. By D. C. Eaton.
 Musci. By T. P. James.
 Lichenes. By E. Tuckerman.
 Algae. By H. C. Woods.
 " VI. Microscopical Petrography. By F. Zirkel. pp. xv, 297: 12 pls. (col.) 1876.
 " VII. Odontornithes: a monograph on the extinct toothed birds of North America. By O. C. Marsh. pp. xv, 201: 34 pls., text illust. 1880.

United States.—GEOLOGICAL EXPLORATION OF THE FORTIETH PARALLEL.

Catalogue and Index of the Publications of the . . . Exploration, &c. See infra, GEOLOGICAL SURVEY. Bulletin No. 222. 8^o. 1904.

UNITED STATES.—GEOLOGICAL SURVEY.

Annual Report, &c. No. 1→
4°. & 8°. *Washington [D.C.]*, 1880→

United States.—GEOLOGICAL SURVEY.

Monographs, &c. Vol. 1→
4°. & fol. *Washington [D.C.]*, 1882→
Each monograph is separately paged.

United States.—GEOLOGICAL SURVEY.

Bulletin, &c. No. 1→ 8°. *Washington [D.C.]*, 1883→
Each number contains a separate memoir. The first fifty-four numbers were grouped into eight volumes, each with a secondary pagination in addition to that of the number.

United States.—GEOLOGICAL SURVEY.

Mineral Resources of the United States, by A. Williams
([and afterwards] D. T. Day). 1882-93, 1900→
8°. *Washington [D.C.]*, 1883→

The Reports for 1894 to 1899 inclusive were issued as part of the 'Annual Reports' for those years.

United States.—GEOLOGICAL SURVEY.

Contributions to Economic Geology, 1902→ *illust.*
See supra, Bulletin No. 213→ 8°. 1903→
These Contributions recur periodically throughout the series.

United States.—GEOLOGICAL SURVEY.

Report on Progress of Investigations of Mineral Resources of Alaska . . . by A. H. Brooks, &c. 1904→
See supra, Bulletin No. 259→ 8°. 1905→
These Reports recur periodically throughout the series.

United States.—GEOLOGICAL SURVEY.

Professional Paper No. 1→
4°. *Washington [D.C.]*, 1902→

United States.—GEOLOGICAL SURVEY.

Water Supply and Irrigation Paper, &c. No. 65→
8°. *Washington [D.C.]*, 1902→
Each number contains a separately-paged paper.

United States.—GEOLOGICAL SURVEY.

Mineral Products of the United States . . . 1888 to 1897.
By D. T. Day. s.sh. *Washington [D.C.]*, 1898.
— 1895-1904. [By] D. T. Day.
s.sh. *Washington, D.C.*, 1905.

United States.—GEOLOGICAL SURVEY.

Preliminary Report on the Cape Nome Gold region,
Alaska . . . By F. C. Schrader and A. H. Brooks.
pp. 56 : 19 pls., 3 maps (1 geol. col.), text illust.
8°. *Washington [D.C.]*, 1900.

United States.—GEOLOGICAL SURVEY.

The Geology and Mineral Resources of a portion of the
Copper River district, Alaska. By F. C. Schrader and
A. C. Spencer. *pp. 94 : 8 pls., 5 maps (col.)*
8°. *Washington [D.C.]*, 1901.

United States.—GEOLOGICAL SURVEY.

Reconnaissances in the Cape Nome and Norton Bay
regions, Alaska, in 1900. By A. H. Brooks, G. B.
Richardson, A. J. Collier and W. C. Mendenhall.
pp. 222 : 14 pls., 9 maps (col.), text illust.
8°. *Washington [D.C.]*, 1901.

Consists of :

1. A Reconnaissance of the Cape Nome and adjacent Gold Fields of
Seward Peninsula, Alaska, in 1900. By A. H. Brooks, assisted
by G. B. Richardson and A. J. Collier. [Including Notes on the
Vegetation by A. J. Collier.]
2. A Reconnaissance in the Norton Bay region . . . in 1900. By W. C.
Mendenhall.

United States.—GEOLOGICAL SURVEY.

The State Geological Surveys of the United States.
Compiled under the direction of C. W. Hayes. *pp. 177.*
See supra, Bulletin 465. 8°. 1911.

United States.—GEOLOGICAL SURVEY.

List of the publications of the . . . Survey. *pp. 46.*
8°. *Washington [D.C.]*, 1893.

The Publications of the . . . Survey (not including
Topographic Maps). *pp. 116.*
8°. *Washington [D.C.]*, 1912.

United States.—GEOLOGICAL SURVEY.

Bibliography and Index of the publications of the . . .
Survey, with the laws governing their printing and
distribution. By P. C. Warman. *pp. 495.* *See supra*,
Bulletin, &c. No. 100. 8°. 1893.

— [Another edition entitled :] Catalogue and Index
of the Publications of the . . . Survey, 1880 to 1901, &c.
See supra, Bulletin, &c. No. 177. 8°. 1901.

— 1901-1903, &c. *See supra*, Bulletin, &c. No. 215.
8°. 1903.

United States.—GEOLOGICAL SURVEY.

The United States Geological Survey and its methods
of Work. *See* WALCOTT (C. D.) 8°. 1895.

United States.—GEOLOGICAL SURVEY.

The United States Geological Survey : its origin, de-
velopment, organization, and operations. *pp. 205 :*
3 pls., 6 maps (col.), text illust. *See supra*, Bulletin, &c.
No. 227. 8°. 1904.

United States.—GEOLOGICAL SURVEY. [Maps.]

Geologic Atlas of the United States . . . Library edition.
Folio 1→ fol. *Washington [D.C.]*, 1894→

Each folio deals with a single section of the country and contains :—
1°. a letterpress description in quadruple column ; 2°. a topographical
map of the area ; 3°. a geologically coloured one ; 4°. one showing the
economic geology ; 5°. a repetition of 4 with the horizontal sections
drawn in their respective positions ; 6°. a table of vertical sections.
The several maps are on different scales.

— Field edition. Scale 1 : 125,000 [*i.e.* 1 in. = 2 m.
nearly.] Folio 2, 3, 5 & 8. fol. *Washington [D.C.]*, 1894.
The contents of each folio are similar to those of the Library Edition
above.

UNITED STATES.—PACIFIC RAILROAD SURVEY.

Reports of explorations and surveys, to ascertain the
most practicable . . . route for a railroad from the
Mississippi River to the Pacific Ocean. Made . . . in
1853-54, &c. 11 Vol. [in 12] *illust.*
4°. *Washington [D.C.]*, (1853-) 1855-59.

Vol.

I. Index. *pp. viii.*

(1855) Report of the Secretary of War [Jefferson Davis] on the
several . . . explorations. *pp. 134.*

Report of explorations for a route . . . near the forty-seventh
and forty-ninth parallels . . . from St. Paul to Puget Sound.
By I. I. Stevens. *pp. vii, 651.*

Supplementary Report of explorations for a route . . . near
the forty-seventh and forty-ninth parallels . . . from St.
Paul to Puget Sound. By I. I. Stevens. 1855.

(1859) Pt. I. General Report. *pp. 333, viii : 70 pls. col., 2 maps,*
1 section. 1859.

„ II. Botanical Report. *pp. 72 : 6 pls.* 1859.

No. 1. Botany. By J. G. Cooper.

„ 2. Catalogue of the Plants collected east of the
Rocky Mountains. By A. Gray.

„ 3. Catalogue of Plants collected in Washington
Territory. By J. G. Cooper.

„ III. Zoological Report. *pp. viii, 399 : 47 pls. (8 col.)* 1859.

No. 1. Insects. By J. T. [*i.e.* J. L.] Leconte.

„ 2. Mammals. By J. G. Cooper, G. Suckley, and
G. Gibbs.

„ 3. I. Land Birds. By J. G. Cooper.

„ II. Water Birds. By G. Suckley.

„ 4. Reptiles. By J. G. Cooper.

„ 5. Fishes. By G. Suckley.

„ 6. Mollusca. By W. Cooper.

„ 7. Crustacea. By J. G. Cooper.

Appendix, *pp. 28.*

[United States.—PACIFIC RAILROAD SURVEY. (contd.)]
[Reports of explorations and surveys, &c. (contd.)]

- Vol.
(1855) Report of explorations for a route . . . by . . . J. W. Gunnison . . . near the thirty-eighth and thirty-ninth parallels . . . from the mouth of the Kansas River, Mo., to the Sevier Lake, in the Great Basin. Report by . . . E. G. Beckwith. *pp. 128: 13 pls. col.* [1854.]
[For Zoology, See Vol. x.]
- Report of explorations for a route . . . on the line of the forty-first parallel . . . By . . . E. G. Beckwith. *pp. 132: 14 pls., text illust.* 1854.
Geological report of the . . . thirty-eighth and forty-first parallels . . . by J. Schiel (Infusorial Fossils by W. Bailey).
Botany . . . by J. Torrey and A. Gray. Route on the forty-first . . . and near the thirty-eighth and thirty-ninth parallels, &c.
[Zoology, See Vol. x.]
- Synopsis of a report of the reconnaissance of a . . . route from Puget Sound via South Pass to the Mississippi River. By F. W. Lander. *pp. 45.* 1856.
- Report of exploration of a route . . . near the thirty-second parallel . . . from the Red River to the Rio Grande, by . . . J. Pope. *pp. iv, 185: 10 pls.* 1854.
Botany . . . by J. Torrey and A. Gray, &c.
- Report on the Geology of the route near the thirty-second parallel . . . by W. P. Blake. *pp. 50: 1 pl. col., 1 map geol. col.* 1856.
- Report of explorations for . . . route, near the thirty-second parallel . . . lying between Dona Ana, on the Rio Grande, and Pimas Villages, on the Gila. By . . . J. G. Parke. *pp. 28.* [1854.]
[For Zoology, See Vol. x.]
- Route near the thirty-second parallel . . . Extract from report of a . . . reconnaissance made in 1846 and 1847, by . . . W. H. Emory. *pp. 22.* [?]
- III. (1856) Extracts from the [preliminary] report of . . . route, near the thirty-fifth parallel . . . from the Mississippi River to the Pacific Ocean, by . . . A. W. Whipple. *pp. 36.* [?]
- Report of explorations for a . . . route near the thirty-fifth parallel . . . from the Mississippi River to the Pacific Ocean, by . . . A. W. Whipple . . . assisted by . . . J. C. Ives. 1853-54.
- Pt. I. Itinerary. *pp. x [vii]: 136: 10 pls. col., text illust.*
" II. Report on the topographical features and character of the country. *pp. 77: 10 pls. (col.), text illust.* 1856.
" III. Report upon the Indian Tribes, by . . . A. W. Whipple, T. Ewbank . . . and W. W. Turner. *pp. 127: 7 pls. col., text illust.* 1855.
" IV. Report on the Geology. *pp. vii [iii]: 175: 5 pls. (col.), 1 map geol. col., text illust.* 1856.
No. 1. General Report . . . by W. P. Blake. (Notices of the fossils by J. Hall.)
" 2. Resumé and Field Notes. By J. Marcou.
- IV. (1856) " V. Report on the Botany. *pp. vii, 193: 60 pls.* 1856.
No. 1. General description. By J. M. Bigelow.
" 2. Forest Trees. By J. M. Bigelow.
" 3. Cactaceae. By G. Engelmann and J. M. Bigelow.
" 4. The general botanical collections. By J. Torrey.
" 5. Mosses and Liverworts. By W. S. Sullivant.
- " VI. Report on the Zoology.
No. 1. Field Notes. By C. B. R. Kennerly. *pp. 17.* 1856.
[For continuation, See Vol. x.]
Appendices. *pp. 288.*
- V. Report of explorations in California . . . By . . . R. S. Williamson. 1853.
[i.e. 1857] Introduction. *[pp. ii.]*
- Pt. I. Report. *pp. 43: 12 pls. col., text illust.* 1855.
" II. Geological Report. By W. P. Blake. *pp. xvi, 370, xiii: 42 pls. (col.), 4 maps col., text illust.* 1857.
[Wanting pl. x to Article 2, which occurs in Blake's re-issue.]
- Appendix:—
Art. 1. The fossil fishes. By L. Agassiz.
" 2. The fossil shells. By T. A. Conrad.
" 3. The recent shells. By A. A. Gould.
" 4. Letter from J. W. Bailey, describing the structure of the fossil plant from Pasacula River.
" 5. Structure of the fossil wood from the Colorado Desert. By G. C. Schaeffer.
" 6. Chemical examinations of the soils and incrustations. By J. D. Easter.
" 7. Descriptions of Plants collected . . . by W. P. Blake. By J. Torrey.
" 8. Fossil microscopic organisms, from Monterey. By J. W. Bailey.
- [Title only of Art. 8, which appears never to have been published.]
- " III. Botanical Report. By E. Durand and T. C. Hildgard. *pp. 16: 18 pls.* 1855.
" IV. Zoological Report. [See Vol. x.] 1857.
Appendices. *pp. 14.*

[United States.—PACIFIC RAILROAD SURVEY. (contd.)]
[Reports of explorations and surveys, &c. (contd.)]

- Vol.
(1857) Report of . . . H. L. Abbot . . . upon explorations for a . . . route from the Sacramento Valley to the Columbia River, made by . . . R. S. Williamson . . . assisted by . . . H. L. Abbot. 1855.
Introduction. *pp. 1-16.*
- Pt. I. General Report. *pp. 17-134: 13 pls. col., text illust.* 1857.
" II. Geological Report. *pp. 85: 5 pls. (1 col.), text illust.* 1856.
No. 1. Geology of the route. By J. S. Newberry.
" 2. The Tertiary Fossils. By T. A. Conrad.
" 3. Analytical examination of Water and Minerals from the hot springs in Des Chutes Valley. [By] E. N. Horsford [and L. M. Dornbach].
" 4. Catalogue of the Minerals and Fossils collected.
- " III. Botanical Report. *pp. 102: 16 pls. (col.), text illust.* 1857.
No. 1. Botany of the route. By J. S. Newberry.
" 2. Catalogue of the Plants collected, &c.
i. Exogenous Plants. By A. Gray, J. Torrey, and J. S. Newberry.
ii. Endogenous Plants. By J. Torrey.
iii. Mosses and Liverworts. By W. S. Sullivant.
iv. Lichens. By E. Tuckerman.
- " IV. Zoological Report. *pp. 114, iv: 16 pls. (col.)* 1857.
Prefatory note [By H. L. Abbot].
No. 1. Fishes. By Dr. C. Girard.
" 2. Zoology. By J. S. Newberry.
" 3. Land Shells. By W. G. Binney.
" 4. Reptiles. By S. F. Baird. [Title only: See Vol. x.]
Appendices. *pp. 64.*
- VII. Report of explorations for . . . routes from San Francisco (1857) Bay to Los Angeles, California, west of the coast range, and from the Pimas Villages on the Gila, to the Rio Grande, near the thirty-second parallel . . . By . . . J. G. Parke assisted by A. H. Campbell. 1854-55.
Introduction. *pp. 15.*
- Pt. I. General Report. *pp. 42: 8 pls.* 1857.
" II. Geological Report. By T. Antisell. (Report on the Paleontology of the Survey. By T. A. Conrad.) *pp. 204: 24 pls., 2 maps geol. col.* 1856.
" III. Botanical Report. By J. Torrey. (Synoptical tables of Botanical Localities. By T. Antisell.) *pp. 28: 8 pls.* 1856.
Appendices. *pp. 116: 11 pls.*
- Conclusion of the official review of the reports upon the explorations and surveys for . . . routes, &c. *pp. 37.* 1855-57.
- VIII. General report upon the Zoology of the several . . . routes. 1857.
(1857) Introduction. *pp. i-xviii.*
- Pt. I. Mammals. By S. F. Baird. *pp. xix-xlviii, 757: pls. xvii-lx, text illust.* 1857.
IX. (1858) " II. Birds. By S. F. Baird . . . J. Cassin and G. N. Lawrence. *pp. lvi, 1005.* 1858.
X. (1859) " III. Reptiles. By S. F. Baird. *pp. 16: 13 pls.* 1859.
" IV. Fishes. By C. Girard. *pp. xiv, 400: 21 pls.* 1858.
- Report of . . . E. G. Beckwith . . . upon explorations for a . . . route, near the thirty-eighth and thirty-ninth parallels . . . and near the forty-first parallel. 1854.
[Continued from Vol. II.]
- Zoological Report. *pp. 27 [I]: 20 pls.* 1857.
No. 2. Mammals. By S. F. Baird.
" 3. Birds. By S. F. Baird.
" 4. Reptiles. By S. F. Baird.
" 5. Fishes. By C. Girard.
- [Insects, by J. L. Leconte, were to have been issued with this Report and are mentioned in the Contents of some copies, but do not appear to have been included.]
- Report of explorations for a . . . route near the thirty-fifth parallel . . . by . . . A. W. Whipple . . . assisted by . . . J. C. Ives. 1853-54.
[Continued from Vol. IV.]
- Pt. VI. Zoological Report. *pp. 64: 34 pls. (col.)* 1859.
No. 2. Mammals. By C. B. R. Kennerly.
" 3. Birds. By C. B. R. Kennerly.
" 4. Reptiles. By S. F. Baird.
" 5. Fishes. By C. Girard.
- Report of explorations for a . . . route near the 22d parallel . . . By . . . J. G. Parke. 1853.
[Continued from Vol. II.]
- Zoological Report. *pp. 24: 4 pls. (col.)* 1859.
Introductory Letter. By A. L. Heermann.
No. 1. Birds. By A. L. Heermann.
" 2. Reptiles. By E. Hallowell.
- Report of explorations in California . . . By . . . R. S. Williamson. 1853.
[Continued from Vol. V.]
- Pt. IV. Zoological Report. *pp. 97: 26 pls. (col.)* 1859.
Introductory Letter. By A. L. Heermann.
No. 1. Reptiles. By E. Hallowell.
" 2. Birds. By A. L. Heermann.
" 3. Mammals. By S. F. Baird.
" 4. Fishes. By C. Girard.
- Report of . . . H. L. Abbott, &c. 1855.
[Continued from Vol. VI.]
- Pt. IV. Zoological Report.
No. 4. Reptiles. By S. F. Baird. *pp. 13: 4 pls.* 1857.

[United States.—PACIFIC RAILROAD SURVEY. (contd.)]
[Reports of explorations and surveys, &c. (contd.)]

- Vol.
 xi. Memoir to accompany the map of the Territory of the United States from the Mississippi River to the Pacific Ocean . . . By . . . G. K. Warren. *pp. 120: 4 maps.* 1859.
 Topographical maps, profiles, and sketches to illustrate the various reports, &c. *pp. iv: 13 pls., 32 maps & plans.* 1859.

— [Another edition.] 12 Vol. [in 13.]
 4^o. Washington [D.C.], (1853–) 1855–61.

In this edition Vol. xi is dated 1861, and differs in the setting and pagination; while the supplement to Vol. i, reprinted and with the plates re-drawn, is styled Vol. xii and issued in two volumes as under:—

- Vol.
 xii. Narrative and final report of explorations for a route . . . near the forty-seventh and forty-ninth parallels . . . from St. Paul to Puget Sound. By I. I. Stevens. [For 1st report, See Vol. i.] Introduction. 1855.
 Pt. i. General Report, Appendices and Index. *pp. 358, 41: 71 pls. col., 2 maps.* 1860.
 Book 2. " ii. Botanical Report. *pp. 76: 6 pls.* 1860.
 (1860) No. 1. Botany. By J. G. Cooper.
 " 2. Catalogue of the Plants collected east of the Rocky Mountains. By A. Gray.
 " 3. Catalogue of the Plants collected in Washington Territory. By J. G. Cooper.
 " iii. Zoological Report. *pp. viii [i.] 399: 47 pls. (col.)* 1860.
 No. 1. Insects. By J. T. [i.e. J. L.] Leconte.
 " 2. Mammals. By J. G. Cooper, G. Suckley, and G. Gibbs.
 " 3. Birds.
 i. Land Birds. By J. G. Cooper.
 ii. Water Birds. By G. Suckley.
 " 4. Reptiles. By J. G. Cooper.
 " 5. Fishes. By G. Suckley.
 " 6. Mollusca. By W. Cooper.
 " 7. Crustacea. By J. G. Cooper.

— [For a re-issue of Vol. i, suppt. pt. ii & iii] See SUCKLEY (G.) & COOPER (J. G.) The Natural History of Washington, &c. 4^o. 1860.

— [For a re-issue of Vol. v, pt. ii] See BLAKE (W. P.) Report of a geological reconnaissance in California, &c. 4^o. 1858.

— [For a re-issue of Vol. viii] See BAIRD (S. F.) The Mammals of North America, &c. 4^o. 1859.

— [For a re-issue of Vol. ix, with additions] See BAIRD (S. F.) The Birds of North America, &c. 4^o. 1860.

UNITED STATES.—PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE.
 Publications, &c. *pp. 35. 8^o. Washington [D.C.], 1912.*

United States.—PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE.—Hygienic Laboratory.
 Bulletin No. 62 . . . The taxonomic value of the microscopic structure of the stigmal plates in the Tick genus *Dermacentor*, &c. See STILES (C. W.) 8^o. 1910.

United States.—PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE.
 The Rat and its relation to the Public Health. By various authors. *pp. 254: 6 pls., text illust.* 8^o. Washington [D.C.], 1910.

UNITED STATES.—SURGEON-GENERAL'S OFFICE, U.S. ARMY.
 Index-Catalogue of the Library . . . Authors and Subjects. Vol. i–xvi. 4^o. Washington, 1880–95.

— Second Series. Vol. i→ 8^o. Washington, 1896→

Alphabetical list of abbreviations of titles of medical periodicals employed in the Index-Catalogue, &c. 4^o. Washington, 1895.

UNITED STATES.—UNITED STATES & MEXICAN BOUNDARY SURVEY.

Report . . . By W. H. Emory. 2 Vol. *illust.*
 4^o. Washington, 1857–59.

- House of Representatives: 34th Congr., 1st Sess., Ex. Doc. No. 135.
 Vol. i. Pt. 1. [General Report] *pp. xvi, 258: 54 pls. (col.), 1 map, text illust.*
 " 2. Geological Reports of C. C. Parry and A. Schott.—Notes by W. H. Emory.—Palæontology and Geology . . . by J. Hall.—Description of Cretaceous and Tertiary Fossils by J. A. Conrad. *pp. 174: 21 pls., text illust.*
 Vol. ii. " 1. Botany.
 (1859) Introduction by C. C. Parry.—Botany . . . By J. Torrey. *pp. 296: 61 pls.*
 Cactaceæ . . . By G. Engelmann. *pp. 78: 76 pls.*
 " 2. Zoology.
 Mammals . . . By S. F. Baird. *pp. 62: 27 pls.*
 Birds . . . by S. F. Baird. *pp. 32: 25 pls.*
 Reptiles . . . By S. F. Baird. *pp. 35: 41 pls.*
 Ichthyology . . . by C. Girard. *pp. 85: 41 pls.*

For a re-issue of Vol. ii, pt. 2. Mammals, See BAIRD (S. F.) The Mammals of North America. 4^o. 1859.

UNITED STATES. [Maps.]

Map of a reconnaissance between Fort Leavenworth on the Missouri River, and the Great Salt Lake . . . Utah, made in 1849 and 1850 . . . by Capt. H. Stansbury, &c. Scale 1:1,000,000 [i.e. 1 in. = 15 $\frac{1}{2}$ m. about]. See STANSBURY (H.) An expedition to the Valley of the Great Salt Lake of Utah, &c. s.sh. 1852.

United States. [Maps.]

A Geological Map of the United States [Scale 1 in. = 103 m. about], &c. See MARCOU (J.) s.sh. 1853.

United States. [Maps.]

Map of the Territory of the United States from the Mississippi to the Pacific Ocean . . . Compiled . . . by . . . G. K. Warren. Scale 1:3,000,000 [i.e. 1 in. = 47 $\frac{1}{2}$ m. about]. See UNITED STATES.—PACIFIC RAILROAD SURVEY. Reports, &c. Vol. xi. 4^o. 1854–57.

This is accompanied by topographical maps (on larger scale), with profiles and sketches to illustrate the various reports.

United States. [Maps.]

Geological Map of the United States and British North America . . . by H. D. Rogers. Scale 1 in. = 160 m. s.sh. col. Boston, 1855.

K. Johnston's Physical Atlas. Pl. viii.

Presentation copy, with the compiler's autograph, to Sir R. Owen.

United States. [Maps.]

Colton's new Railroad Map of the States of Ohio, Michigan, Indiana, Illinois, Missouri, Wisconsin & Iowa. Minnesota, Nebraska, & Kansas showing the township lines of the United States Surveys. [Scale 1 in. = 35 m.] s.sh. col. New York, 1861.

The names of the last three States have obviously been added on the present plate.

United States. [Maps.]

Geological Map of the United States. Compiled . . . by C. H. Hitchcock and W. P. Blake, &c. [Scale 1 in. = 90 m.] s.sh. col. [New York,] 1872.

United States. [Maps.]

Rand McNally & Co.'s new railroad and county map of the United States and [a portion of] Canada . . . Approximate Scale 32 miles to one inch. 3 sh. Chicago, 1886.

United States. [Maps.]

Map of the United States and territories, with adjacent parts of Canada and Mexico, also part of the West India Islands . . . Compiled . . . [By] A. F. Dinsmore, &c. [Scale 1 in. = 40 m. about.] 6 sh. col. [Washington, D.C.,] 1892.

United States. [Maps.]

Rand, McNally & Co.'s Indexed Atlas of the World, &c. Vol. ii, 78 maps col. fol. Chicago & New York (1899).

United States. [Maps.]

Map of the Mining districts of the Western States, compiled by W. Lindgren. Assisted by J. M. Hill, V. C. Heikes, C. Naramore, and A. N. Winchell . . . Scale 1:2,500,000, approximately 40 miles to 1 inch. s.sh. (col.) See supra, GEOLOGICAL SURVEY. Mineral Resources of the United States . . . 1907. Pt. I. 8°. 1908.

United States. [Maps.]

[For Geological and other special maps of the United States, See supra, under the different Surveys.]

UNITED STATES CENTENNIAL EXHIBITION, 1876.

See PHILADELPHIA.—*International Exhibition, 1876.*

UNITED STATES NATIONAL MUSEUM.

[1873 The collections of the Smithsonian Institution were formed into a separate department as the *United States National Museum*.]

Annual Report, &c. 1884→ See SMITHSONIAN INSTITUTION. Annual Report, &c. 1884→ 8°. 1885→
Issued as annual volumes supplemental to the "Annual Reports" of the Institution: the first being styled "Report," &c.
Prior to 1884 the reports on the collections were incorporated in the "Annual Reports" of the Institution.

United States National Museum.

Bulletin, &c. No. 1→ 8°. Washington [D.C.], 1875→
Each number contains a separately-paged paper.
No. 1-16 were also issued in the "Smithsonian Miscellaneous Collections."

United States National Museum.

Proceedings, &c. Vol. I→
8°. Washington [D.C.], 1879→
Vol. I-IV were also issued in the "Smithsonian Miscellaneous Collections."

United States National Museum.

Special Bulletin, No. 1→ 4°. Washington [D.C.], 1892→

United States National Museum.

Contributions from the United States National Herbarium. Vol. VIII→ *illust.*
8°. Washington [D.C.], 1903→
Vol. I-VII, 1890-1902, were published by the United States Department of Agriculture.—Botany Division [q.v.].

United States National Museum.

A List of the Publications of the . . . Museum (1875-1900), &c. See supra, Bulletin, &c. No. 51. 8°. 1902.

United States National Museum.

Catalogue of the Aquatic and Fish-eating Birds.—Catalogue of the Economic Mollusca and the . . . appliances used in their capture, &c.—Catalogue of the collections of Fishes.—Catalogue of the Aquatic Mammals exhibited by the . . . Museum. See LONDON.—*Great International Fisheries Exhibition, 1883.* United States of America. Catalogues C. D. F. H. 8°. 1883.

United States National Museum.

The Apodous Holothurians: a monograph of the Synaptidæ and Molpadiidæ, including a report on the representatives of these families in the Collections of the . . . Museum. By H. L. Clark. pp. 231: 13 pls. (col.), text *illust.* See SMITHSONIAN INSTITUTION. Smithsonian Contributions to Knowledge. (No. 1723.) Vol. xxxv. 4°. 1907.

United States National Museum.

Catalogue of the Type-specimens in the . . . Museum, including the Biological Survey Collection. By M. W. Lyon, Jr. . . . and W. H. Osgood. pp. ix [i], 325. See supra, Bulletin 64. 8°. 1909.

United States National Museum.

North Pacific Ophiurans in the Collection of the . . . Museum. By H. L. Clark. pp. xvi, 302: text *illust.* See supra, Bulletin No. 75. 8°. 1911.

United States National Museum.

List of North American Land Mammals in the United States National Museum, 1911. pp. xiv, 455, 3. See supra, Bulletin No. 79. 8°. 1912.

UNIVERSIDAD CENTRAL DE VENEZUELA. See CARACAS.**UNIVERSIDAD DE CHILE.**

See SANTIAGO, Chile.

UNIVERSIDAD NACIONAL DE CÓRDOBA.

See CORDOVA.

UNIVERSIDAD NACIONAL DE LA PLATA.

See LA PLATA, Town of.—UNIVERSITY.

UNIVERSIDADE DE COIMBRA.

See COIMBRA.

UNIVERSITÀ TOSCANE.

See PISA.—REGIA UNIVERSITÀ DEGLI STUDI.

UNIVERSITAET STRASSBURG.

See STRASBURG.—KAISER-WILHELMS UNIVERSITAET.

UNIVERSITAET ZU KIEL.

See KIEL.—KOENIGLICHE CHRISTIAN-ALBRECHTS UNIVERSITAET.

UNIVERSITAS CONIMBRICENSIS.

See COIMBRA.—UNIVERSIDADE DE COIMBRA.

UNIVERSITAS FRANCOFURTANA.

See FRANKFORT ON THE ODER.

UNIVERSITAS FRIDERICIANA.

See HALLE.—FRIEDRICHS-UNIVERSITAET.

UNIVERSITAS HAVNIENSIS.

See COPENHAGEN.—KJØBENHAVNS UNIVERSITET.

UNIVERSITAS LUNDENSIS.

See LUND.—KAROLINSK UNIVERSITET.

UNIVERSITAS REGIA FREDERICIANA.

See CHRISTIANIA.—KONGELIGE FREDERIKS UNIVERSITET.

UNIVERSITAS RUPERTO CAROLINA.

See HEIDELBERG.—GROSSHERZOGLICHE RUPECHT-KARLS-UNIVERSITAET.

UNIVERSITAS TUBINGENSIS.

See TUBINGEN.—KOENIGLICHE EBERHARD-KARLS-UNIVERSITAET.

UNIVERSITAS VRATISLAVIENSIS.

See BRESLAU.—KOENIGLICHE UNIVERSITAET.

UNIVERSITÉ DE L'ÉTAT DE GAND.

See GHENT.

UNIVERSITÉ DE LIÈGE. See LIEGE.**UNIVERSITÉ DE LYON.** See LYONS.**UNIVERSITÉ DE MONTPELLIER.**

See MONTPELLIER.

UNIVERSITY COLLEGE OF NORTH WALES. See BANGOR.**UNIVERSITY COLLEGE OF SHEFFIELD.**

See SHEFFIELD.

UNIVERSITY COLLEGE OF WALES.

See ABERYSTWITH.

UNIVERSITY COLLEGE OF WALES SCIENTIFIC SOCIETY.

List of the Flowering Plants and Ferns of Aberystwyth and neighbourhood, &c. See **SALTER** (J. H.) 8°. [1903 ?]

UNIVERSITY GEOLOGICAL SURVEY OF KANSAS.

See **LAWRENCE**.—UNIVERSITY OF KANSAS.—*Geological Survey*.

UNIVERSITY MAGA, The. [Edited by E. Forbes and J. Percy.] Vol. II, no. 1-12. pp. [ii.] 100: 13 pls. 8°. Edinburgh, (1837-) 1838.

This was Percy's own copy, and contains his notes, as well as the original drawing for one of the illustrations by Forbes.

UNIVERSITY OF CALIFORNIA.

See **BERKELEY**.

UNIVERSITY OF DURHAM PHILOSOPHICAL SOCIETY. [Founded 1896.]

Proceedings, &c. Pt. 1→
8°. Newcastle-upon-Tyne, 1898→

University of Durham Philosophical Society.

Memoir No. 1. On a case of Thrust and Crush-Brecciation in the Magnesian Limestone, County Durham. By D. Woolacott . . . pp. 16: 9 pls., 1 map, text illust. 8°. Newcastle-upon-Tyne, 1909.

UNIVERSITY OF ILLINOIS. See **URBANA**.**UNIVERSITY OF JAPAN.**

See **TOKIO**.—TEIKOKU DAIGAKU.

UNIVERSITY OF KANSAS. See **LAWRENCE**.**UNIVERSITY OF MONTANA.**

See **MISSOULA**, Montana.

UNIVERSITY OF NEBRASKA.

See **LINCOLN**, Nebraska.

UNIVERSITY OF PENNSYLVANIA.

See **PHILADELPHIA**.

UNIVERSITY OF SOUTH DAKOTA.

See **VERMILLION**.

UNIVERSITY OF TEXAS. See **AUSTIN**.**UNIVERSITY OF THE CITY OF NEW YORK.**

See **NEW YORK**, City of.—**NEW YORK UNIVERSITY**.

UNIVERSITY OF THE STATE OF MISSOURI. See **COLUMBIA**, Missouri.**UNIVERSITY OF THE STATE OF NEW YORK.** See **ALBANY**.**UNTERSUCHUNGEN AUS DEM GESAMMTGEBIETE DER MYKOLOGIE.**

Botanische Untersuchungen über Schimmelpilze. (Untersuchungen aus dem Gesamtgebiete der Mykologie.) Von . . . O. Brefeld. Hft. I-IV. 4°. Leipzig, 1872-81.

[Continued as:]

Botanische Untersuchungen über Hefenpilze. Fortsetzung der Schimmelpilze. Untersuchungen aus dem Gesamtgebiete der Mykologie von . . . O. Brefeld. Hft. V. 4°. Leipzig, 1883.

[Continued as:]

Untersuchungen aus dem Gesamtgebiete der Mykologie. Fortsetzung der Schimmel- und Hefenpilze. Von O. Brefeld. Hft. VI→

4°. Leipzig & Münster i. W., 1884→

UNTERSUCHUNGEN ZUR NATURLEHRE DES MENSCHEN UND DER THIERE, herausgegeben von J. Moleschott. Bd. I-XIII.

8°. Frankfurt-a.-M. & Giessen, 1856-88.

Bd. VI-XIII were published at Giessen.

UNVERRICHT (CARL) Anleitung zur Pflanzenkenntnis: ein Handbuch der allgemeinen Botanik und Flora von Deutschland, &c. pp. xl, 812.

12°. Schweidnitz, 1842.

UNVERZAGT (CARL WILHELM) [1830-1885] Technisches Wörterbuch in Deutscher, Französischer und Englischer Sprache . . . herausgegeben von . . . W. Unverzagt . . . Dritte . . . Auflage. 3 Vol. See **RUMPF** (C.) & others. 8°. 1874-78.**UNWIN** (WILLIAM CHARLES) [1811?-1887] Illustrations and dissections of the genera of British Mosses. 23 pls., with descriptive letterpress. fol. Lewes, 1878.**UNZER** (JOHANN AUGUST) [1727-1799] Observatio . . . de Tæniis. See **KLEIN** (J. T.) Tentamen Herpetologie. 4°. 1755.**UPENDRANATH** (KANJILAL) Forest Flora of the School Circle, N.-W.P., being a descriptive list of the indigenous woody Plants of the Saharanpur and Dehra Dûn districts . . . in the North-Western Provinces, with Analyses, &c. pp. xxii, 390. 8°. Calcutta, 1902.**UPHAM** (WARREN) [1850-] History of explorations among the White Mountains.—Modified Drift in New Hampshire. See **NEW HAMPSHIRE**, State of.—*Geological Survey*. The Geology of New Hampshire, &c. Pt. I & III. 4°. 1874, 78.**Upham** (W.) Preliminary report on the Geology of central and western Minnesota. See **MINNESOTA**, State of.—*Geological and Natural History Survey*. Annual reports, &c. No. 8. 8°. 1880.**Upham** (W.) Report of progress in exploration of the Glacial Drift and its terminal moraines. See **MINNESOTA**, State of.—*Geological and Natural History Survey*. Annual reports, &c. No. 9. 8°. 1881.**Upham** (W.) Catalogue of the Flora of Minnesota, &c. pp. 193: 1 map col. See **MINNESOTA**, State of.—*Geological and Natural History Survey*. Annual reports, &c. No. 12. 8°. 1884.

Supplement to the Flora of Minnesota. See **MINNESOTA**, State of.—*Geological and Natural History Survey*. Bulletin, &c. No. 3. 8°. 1887.

Upham (W.) Notes of rock-outcrops in central Minnesota.—Lake Agassiz: a chapter in Glacial Geology. See **MINNESOTA**, State of.—*Geological and Natural History Survey*. Annual reports, &c. No. 11. 8°. 1884.**Upham** (W.) Notes on the Geology of Minnehaha county, Dakota. See **MINNESOTA**, State of.—*Geological and Natural History Survey*. Annual reports, &c. No. 13. 8°. 1885.**Upham** (W.) The upper beaches and deltas of the glacial Lake Agassiz. pp. 84: 1 pl., text illust. See **UNITED STATES**.—*Geological Survey*. Bulletin, &c. No. 39. Vol. VI. 8°. 1887.**Upham** (W.) The probable cause of Glaciation. See **WRIGHT** (G. F.) The Ice-age in North America, &c. Appendix. 8°. 1890.**Upham** (W.) The Glacial Lake Agassiz. pp. xxiv, 658: 7 pls., 31 maps col., text illust. See **UNITED STATES**.—*Geological Survey*. Monographs, &c. Vol. xxv. 4°. 1895.

Upham (W.) [For publications in connection with the Survey.] See MINNESOTA, *State of.—Geological and Natural History Survey.*

UPPSALA. See UPSALA.

UPRAVLENIE GHORNOYU CHAST'YU NA KAVKAZSKAGHO KRAYA.

See TIFLIS.—KAVKAZSKOE GHORNAYA UPRAVLENIE.

UPRAVLENIE GHORNOYU CHAST'YU NA KAVKAZE I ZA KAVKAZOM.

See TIFLIS.—KAVKAZSKOE GHORNAYA UPRAVLENIE.

UPSALA.—Academia Upsaliensis.

See infra, KONGLIGA UNIVERSITETET.

UPSALA.—Botaniska Sektionen af Naturvetenskapliga Sällskapet.

[For Proceedings, &c.] See BOTANISKA NOTISER, &c. 1886–1900. 8°. 1885–1900.

After 1900 the accounts of the Society's proceedings were reduced to mere brief notices.

UPSALA.—Kongliga Universitetet. [Founded 1477.]

Årsskrift. 1861–1883 (Parts of 1885, 1888, 1889, 1890, 1892, 1893, 1896, 1897) & 1906–07. 8°. Upsala & Stockholm, 1861–1907.

Each memoir is separately paged.

— Innehållsforteckning . . . 1861–1870.

Issued with the volume for 1871. 8°. Upsala, 1871.

— 1907. Skrifter med anledning af Linnéfesten. 2 Bd. 8°. Uppsala, 1907.

Upsala.—Kongliga Universitetet.

Årsskrift. Festskrifter. 1877. 8°. Upsala, 1877.

Each paper is separately paged.

Upsala.—Kongliga Universitetet.

Upsala Universitetet 1872–1897. Festskrift, &c. 3 Pt. *illust.* 4°. Upsala, 1897.

Upsala.—Kongliga Universitetet.

Till Kungl. Vetenskaps-Societeten i Uppsala vid dess 200-års-jubileum af Uppsala Universitet den 19. November, 1910. *pp.* 59 : 1 *pl.*, 1 *port.* 4°. Uppsala, 1910.

Contains:—

E. Swedenborg's investigations in Natural Science and the basis for his statements concerning the functions of the Brain. By M. Ramström.

Upsala.—Kongliga Universitetet.

[*Botanic Garden.*] Hortus Upsaliensis, quem . . . sub præsidio . . . C. Linnæi . . . subjecit S. Naucler, &c. See LINNÆUS (C.) [*Theses & Orations.*] 4°. [1745.]

— [Another edition.] See LINNÆUS (C.) [*Theses & Orations.*] C. Linnæi . . . Amœnitates Academicæ, &c. Vol. I, no. 7. 8°. 1749.

— — [Another edition.] Vol. I [no. 2]. 8°. 1749.

— — Editio tertia. Vol. I, no. 7. 8°. 1787.

Upsala.—Kongliga Universitetet.

[*Botanic Garden.*] Beschreibung des Botanischen Gartens zu Upsal. See LINNÆUS (C.) [*Theses & Orations.*] Des Ritter C. von Linné Auserlesene Abhandlungen aus der Naturgeschichte, &c. Bd. III, no. 2. 8°. 1778.

Upsala.—Kongliga Universitetet.

[*Botanic Garden.*] C. Linnæi . . . Hortus Upsaliensis exhibens Plantas exoticas Horto Upsaliensis Academicæ a sese illatas, &c. See LINNÆUS (C.) [*Botanical Works.*] 8°. 1748.

Upsala.—Kongliga Universitetet.

[*Botanic Garden.*] Demonstrationes Plantarum in Horto Upsaliensi 1753, quas . . . præside . . . C. Linneo . . . offert J. C. Höjer, &c. [*Theses & Orations.*] See LINNÆUS (C.) 4°. [1753.]

Upsala.—Kongliga Universitetet.

[*Botanic Garden.*] C. Linnæi Fil . . . Decas prima (—secunda) Plantarum rariorum Horti Upsaliensis, &c. 2 Pt. See LINNÉ (C. VON) *the Younger.* fol. 1762 (–63).

Upsala.—Kongliga Universitetet.

[*Botanic Garden.*] Horti Upsaliensis Plantæ cultæ 1780–1800, &c. 7 Pt. See THUNBERG (C. P.) 4°. [1803–11.]

Upsala.—Kongliga Universitetet.

[*Botanic Garden.*] Horti Upsaliensis Plantæ cultæ ab initio sæculi, &c. 9 Pt. See THUNBERG (C. P.) 4°. [1826.]

Upsala.—Kongliga Universitetet.

[*Botanic Garden.*] Historisk underrättelse om Upsala Universitets Botaniska Trädgård, 1836. See WAHLENBERG (G.) 8°. [1837.]

Upsala.—Kongliga Universitetet.

[*Botanic Garden.*] Linnéminnen i Upsala Botaniska Trädgård. Kritisk undersökning, af F. R. Kjellman. *pp.* 33 : 3 *pls.*, *text illust.* See STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Arkiv för Botanik, &c. Bd. III, no. 7. 8°. 1904.

— Antikritik, af T. M. Fries. *pp.* 45. See *Op. cit.* Bd. IV, no. 5. 8°. 1905.

Upsala.—Kongliga Universitetet.

[*Botanic Garden.*] Einige wildwachsende Taraxaca aus dem Botanischen Garten zu Upsala. Von H. Dahlstedt. See SERNANDER (J. R.) & others. Botaniska Studier. Tillägnade F. R. Kjellman, &c. 8°. 1906.

Upsala.—Kongliga Universitetet.

[*Linné Bicentenary.*] Invitation du Recteur pour assister aux fêtes du Bicentenaire de Linné le 23 et le 24 Mai, 1907. Cette invitation est suivie des "Vorlesungen über die Cultur der Pflanzen" de Linné [edited by M. B. Swederus]. *pp.* 15, viii, 107. 8°. Upsala, 1907.

The section "Vorlesungen" was also issued as "Uppsala Univ. Årsskrift 1907. Linnéfest-Skrifter. Bd. I."

Upsala.—Kongliga Universitetet.

[*Linné Bicentenary.*] Inbjudning till Teologie Doktors promotionen . . . den 24 Maj, 1907 . . . Bifogad Skrift: Studier öfver Salices i Linnés Herbarium af S. J. Enander. *pp.* 133, 28 : 2 *pls.* 8°. Uppsala, 1907.

The title on the wrapper is in French.

The plates are reproductions of the "Flora Lapponica," plates vii & viii.

The "Bifogad Skrift" was also issued as:—"Uppsala Univ. Årsskrift 1907. Linnéfest-Skrifter. Bd. I."

Upsala.—Kongliga Universitetet.

[*Linné Bicentenary.*] Inbjudning till Juris utriusque Doktors promotionen . . . den 24 Maj, 1907 . . . Bifogade Skrifter: Pluto Svecicus och Beskrifning öfver Stenriket [by C. Linnæus], utgifna af C. Benedicks. *pp.* xvii, 48, vii, 91, 10 : 3 *pls.* 8°. Uppsala, 1907.

The title on the wrapper is in French.

The "Bifogade Skrifter" were also issued as:—"Uppsala Univ. Årsskrift 1907. Linnéfest-Skrifter. Bd. I."

Upsala.—Kongliga Universitetet.

[*Linné Bicentenary.*] Inbjudning till Medicine Doktors promotionen . . . den 24 Maj, 1907 . . . Bifogad Skrift: Linnés Dietetik. *pp.* viii, 167, 243, 15 : 1 *pl.* 8°. Uppsala, 1907.

The title on the wrapper is in French.

The "Bifogad Skrift" was also issued in:—"Uppsala Univ. Årsskrift 1907. Linnéfest-Skrifter. Bd. II."

Uppsala.—Kongliga Universitetet.

[*Linné Bicentenary.*] Inbjudning till Filosofie Doktors promotionen . . . den 24 Maj, 1907 . . . Bifogad Skrift : Linnæi methodus Avium Svecitarum af E. Lönnberg. pp. 96, 56 : 1 pl. 8°. Uppsala, 1907.

The title on the wrapper is in French.
The "Bifogad Skrift" was also issued in :—"Uppsala Univ. Årsskrift 1907. Linnéfest-Skrifter. Bd. II."

Uppsala.—Kongliga Universitetet.

[*Linné Bicentenary.*] Linné och Växtodlingen af M. B. Swederus. (Tal om Planterings nytta och nödvändighet i synnerhet på slättbygden i Öster-Göthland . . . af E. O. Rydbeck.) pp. 102. 8°. Uppsala, 1907.

Uppsala Univ. Årsskrift, 1907, Linnéfest-Skrifter. Bd. II.

Uppsala.—Kongliga Universitetet.

[*Linné Bicentenary.*] Linnéporträtt. Vid Uppsala Universitets minnesfest på tvåhundraårsdagen af C. von Linnés födelse. Å Universitetets vägnar af T. Tullberg. pp. 187 : 21 pls. (1 col.), text illust. 4° Stockholm, 1907.

Uppsala.—Kongliga Universitetet.

[*Mineralogico-geological Institute.*] Meddelanden från . . . Universitets Mineralogisk-Geologiska Institution. No. 1→ 8°. Stockholm, 1891→

Many of the numbers contain separately-paged papers, extracted from the "Geol. Fören. i Stockholm Förhandl."

Uppsala.—Kongliga Universitetet.

[*Mineralogico-geological Institute.*] Bulletin of the Geological Institution of the University . . . Edited by H. Sjögren. Vol. I→ 8°. Uppsala, 1893→

— Index to . . . Vol. I-X (1893-1910), with an Appendix, &c. 8°. Uppsala, 1910.

Uppsala.—Kongliga Universitetet.

[*Museums.* For Lists of Specimens.] See THUNBERG (C. P.) 4°. [1787-1827.]

Uppsala.—Kongliga Universitetet.

[*Zoological Museum.*] Redogörelse för den Japanska Fisksamlingen i . . . Museum af E. Nyström. pp. 54. See STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XIII, afd. IV, no. 4. 8°. 1887.

Uppsala.—Kongliga Universitetet.

[*Zoological Museum.*] Einige Muriceiden der Gattungen *Acanthogorgia* [sic], *Paramuricea* und *Echinomuricea* im Zoologischen Museum . . . Von T. Hedlund. pp. 18 : 3 pls. See STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XVI, afd. IV, no. 6. 8°. 1890 (1891).

Uppsala.—Kongliga Universitetet.

[*Zoological Museum.*] Leptocephalids in the . . . Museum, &c. See STRÖMMAN (P. H.) 8°. 1896.

Uppsala.—Kongliga Universitetet.

[*Zoological Museum.*] Ueber aussereuropäische Hydroiden des Zoologischen Museums . . . Von E. Jäderholm. pp. 20 : 2 pls. See STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXI, afd. IV, no. 6. 8°. 1896.

Uppsala.—Kongliga Universitetet.

[*Zoological Museum.*] Linnæan type-specimens of Birds, Reptiles, Batrachians and Fishes in the . . . Museum . . . Revised by . . . E. Lönnberg. pp. 45. See STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXII, afd. IV, no. 1. 8°. 1896 (1897).

Uppsala.—Kongliga Universitetet.

[*Zoological Museum.*] Alcyonarien aus der Sammlung des . . . Museums . . . Von J. A. Z. Brundin. pp. 22 : 2 pls. See STOCKHOLM.—KONGLIGA SVENSKA VETENSKAPS-AKADEMIEN. Bihang till . . . Handlingar. Bd. XXII, afd. IV, no. 3. 8°. 1896 (1897).

UPSALA.—Kongliga Vetenskaps-Societeten.

[1710 Founded as *Collegium Curiosorum*.
1719 *Societas Litteraria Suecica*.
1728 *Societas Regia Litteraria et Scientiarum*.
1742 { *Societas Regia Scientiarum Upsaliensis*,
[*Kongliga Vetenskaps-Societeten i Uppsala.*]

Acta literaria (et scientiarum) Sueciæ. Vol. I-IV. 1720-1739. 4°. Upsaliæ & Stockholmiae [1720 ?]-1738-42.

Vol. III is in five separately-paged parts, or annual volumes.

[Continued as :]

Acta, &c. 1740-1750. 5 Vol. [in 1.] 4°. Stockholmiae, 1744-51.

[Continued as :]

Nova Acta, &c. Vol. I-XIV. 4°. Upsaliæ, 1773-1850.

— Ser. III, vol. I-XX. 4°. Upsaliæ, 1855-1904.

In Vol. IV-XX each memoir is separately paged.

— Ser. IV, vol. I→ 4°. Upsala, 1905→

Each memoir is separately paged.

Uppsala.—Kongliga Vetenskaps-Societeten.

Nova Acta . . . Volumen extra ordinem editum (In memoriam quattuor seculorum ab Universitate Upsaliensi peractorum). 4°. Upsaliæ, 1877.

Contains, *inter alia* :—

- No. 1. Essai sur la Société Royale des Sciences d'Upsal et ses rapports avec l'Université d'Upsal. Par O. Glas. pp. 99.
- " 2. Analyse des Fleisches einiger Fische. Von A. Almén. pp. 59.
- " 8. Polyblastiæ Scandinaviæ. Descripsit T. M. Fries. pp. 28.
- " 9. J. Franckenii Botanologia nunc primum edita, præfatione historica, annotationibus criticis, nomenclatura Linneana illustrata a R. F. Fristedt. pp. 140.
- " 12. Ueber die Algenvegetation des Murmanschen Meeres an der Westküste von Nowaja Semlja und Wajgatsch. Von F. R. Kjellman. pp. 86 : 1 pl.
- " 13. Synopsis Crustaceorum Svecicorum ordinis Branchiopodorum et subordinis Phyllopodorum. Auctore V. Liljeborg. pp. 20.
- " 14. Kritische Bemerkungen über die Weiden Nowaja Semljas und ihren genetischen Zusammenhang. Von A. N. Lundström. pp. 44 : 1 pl. col.
- " 15. Untersuchungen über Chlorosalze und Doppelnitrite des Platins. Von L. F. Nilson. pp. 90.
- " 16. Sur la recherche des Mines de Fer à l'aide de mesures magnétiques, par R. Thalén. pp. 36 : 1 pl.
- " 17. Note sur quelques Holothuries des mers de la Nouvelle Zemble. Par H. Théel. pp. 18 : 2 pls.
- " 18. Ueber die Byssus des *Mytilus edulis*. Von T. Tullberg. pp. 9 : 1 pl.
- " 19. On the development and systematic arrangement of the Pithophoraceæ, a new order of Algae, by V. B. Wittrock. pp. 80 : 6 pls.

Uppsala.—Kongliga Vetenskaps-Societeten.

Årsskrift, &c. Arg. I & II.† 8°. Upsala, 1860-61.

Uppsala.—Kongliga Vetenskaps-Societeten.

Catalogue méthodique des Acta et Nova Acta [and Årsskrift] . . . 1744-1889, &c. 4°. Upsala (1889).

Uppsala.—Kongliga Vetenskaps-Societeten.

Katalog öfver K. Vetenskaps-Societetens utställning af Linné-Porträtt. pp. 14 : text illust. 8°. Uppsala, 1907.

Uppsala.—Kongliga Vetenskaps-Societeten.

Bibliographia Linnæana : Matériaux pour servir à une bibliographie Linnéenne. Recueillis par J. M. Hulth. Pt. I→ 8°. Upsala, 1907→

Uppsala.—Kongliga Vetenskaps-Societeten.

Till Kungl. Vetenskaps-Societeten i Uppsala vid dess 200-års-jubileum af Uppsala Universitet den 19. November, 1910. See supra, KONGLIGA UNIVERSITETET. 4°. 1910.

Upsala.—Kongliga Vetenskaps-Societeten.

Kungliga Vetenskaps Societetens . . . Tvåhundraårs-minne, &c. pp. 73 [vz.] 138, 16 [7]: 10 pls., 8 port.
8°. Upsala, 1910.

Contains:—

- i. Minneskrift vid Tvåhundraårsfesten d. 19 November, 1910, af N. C. Dunér.
- ii. Protokoll af 1711.—Stadgar af 1719 och 1728.
- iii. Dædalus Hyperboreus: facsimile.

Upsala.—Kongliga Vetenskaps-Societeten.

Bicentenaire de la Société . . . Par N. C. Dunér. pp. 62.
See supra, Nova Acta, &c. Ser. IV, vol. III, no. 1.
4°. 1911.

Upsala.—Kongliga Vetenskaps-Societeten.

[Autograph] Beskrifning öfver en resa på Kongl. Vetenskaps Societetens uti Upsala, men i synnerhet Wälb. Herr . . . Linnæi anmodan år 1749 om sommaren förättad, till Lapsk fjällarne äfvan Luleå stad. See MONTIN (L.)
4°. []

UPSALA.—Linnéska Institutet.

[Founded 1800 as *Societas pro Historia Naturali*; afterwards, *Linnéska Institutet*.]

Linnéska Institutets Skrifter. Första häftet (tryckt i Upsala 1807.) Med fullständig text och inledning. Änjo utgifvet. pp. iv, 23: 2 pls., text illust.
8°. Upsala, 1906.

The first sheet and the two plates were printed in 1807, but never published. The original MS. having been found, the complete work was issued for the first time in 1906.

UPSALA.—Regia Academia Upsaliensis.

See supra, KONGLIGA UNIVERSITETET.

UPSALA.—Regia Societas Scientiarum.

See supra, KONGLIGA VETENSKAPS-SOCIETETEN.

UPSALA.—Societas Regia Scientiarum.

See supra, KONGLIGA VETENSKAPS-SOCIETETEN.

UPSALA.—Zoologisches Museum.

See supra, KONGLIGA UNIVERSITETET.

URAL MOUNTAINS. [Maps.]

Karte vom Ural Gebirge. Gegründet auf die astronomischen Beobachtungen von Wischnewsky, Schubert, A. v. Humboldt, A. Erman, und auf handschriftliche Spezialkarten. Maassstab = 1:2,000,000 [i.e. 1 in. = 31½ m. about]. s.sh. col. Gotha, 1837.

Forming No. 19 of "Berghaus' Atlas von Asien," and also Pl. xi of G. Rose's "Mineralogisch-geognostische Reise nach dem Ural," &c. Bd. 1.

Ural Mountains. [Maps.]

Carte Géologique du versant occidental de l'Oural, par V. de Möller [i.e. V. I. Meller] . . . Échelle à 1:840,000 [i.e. 1 in. = 13 m. about]. s.sh. col. [St. Petersburg ?] 1869.

Ural Mountains. [Maps.]

Gheologhicheskaya Karta vostochnagho sklona Urala. Sost. A. Karpinskii, &c. Geologische Karte des Ostabhanges des Urals (mit Ausnahme des Centralgebirges). Von A. Karpinsky. Maassstab 1:420,000 [i.e. 1 in. = 6½ m. about]. 3 sh. col. S. Peterburgh, 1884.

URAL'SKOE OBSHCHESTVO LYUBITELEI ESTESTVOZNANIYA. See EKATERINBURG.

URANIE, French Corvette. Voyage autour du Monde . . . sur . . . l'Uranie . . . pendant . . . 1817–20, &c. See FRANCE. [Voyages, &c.—Uranie & Physicienne.]
4°. & fol. 1824–42.

URBAIR (BERNHARD VON WUELLERSTORF-) Baron.
See WUELLERSTORF-URBAIR.

URBAN (IGNATZ) [1848–] Ueber Keimung, Blüten- und Fruchtbildung bei der Gattung *Medicago*. Botanische Inaugural-Dissertation, &c. pp. [iv,] 35.
8°. Berlin, 1873.

Urban (I.) Vitæ itineraque Collectorum Botanicorum, notæ Collaboratorum biographicae, Floræ Brasiliensis ratio edendi chronologica, Systema, Index familiarum. (—Umbelliferae.—Moringaceae.—Humiriaceae et Lineae.—Turneraceae.—Loasaceae.) See MARTIUS (C. F. P. von) Flora Brasiliensis, &c. Vol. I, pt. 1; XI, pt. 1; XII, pt. 1 & 2; XIII, pt. 3. fol. 1877–1906.
Urban also edited the work from fasc. c. 1887.

Urban (I.) Monographie der Familie der Turneraceen. pp. 152: 2 pls. 8°. Berlin, 1883.
Reprinted from "Jahrbuch Kgl. botan. Gartens & botan. Museums Berlin," Bd. II [q.v. under BERLIN.—K. FRIEDRICH-WILHELMS-UNIVERSITAET].

Urban (I.) G. Engelmann. [Obituary Notice.] 8°. [Berlin,] 1884.
Beichte Deutsch. Bot. Gesell. Bd. II. pp. xii–xv.

Urban (I.) George Bentham. [Memoir.] 8°. [Berlin,] 1884.
Berichte Deutsch. Bot. Gesell. Bd. II. pp. xvi–xvi.

Urban (I.) Jahrbuch des K. Botanischen Gartens . . . Herausgegeben von . . . I. Urban. Bd. III–V. See BERLIN.—KOENIGLICHE FRIEDRICH-WILHELMS-UNIVERSITAET.—Botanischer Garten. 8°. 1884–89.

Urban (I.) Führer durch den Königlich Botanischen Garten, &c. See BERLIN.—KOENIGLICHE FRIEDRICH-WILHELMS-UNIVERSITAET.—Botanischer Garten. 8°. 1887.

Urban (I.) Biographische Skizzen. I. Friedrich Selow (1789–1831). 8°. Leipzig, 1893.
Engler's Botan. Jahrb. Bd. XVII, pp. 177–198.

Urban (I.) [Turneraceae and Caricaceae of East Africa.] See DEUTSCH-OST-AFRIKA, &c. Bd. v, thl. c. 8°. 1895.

Urban (I.) Symbolæ Antillanæ, seu fundamenta Floræ Indiæ Occidentalis. Vol. I→ 8°. Berolini, &c. 1898→

Urban (I.) Monographia Loasacearum. pp. iv, 384: 8 pls. See ACADEMIA CÆSAREA LEOPOLDINO-CAROLINA, &c. Nova Acta, &c. Tom. LXXVI, no. 1. 4°. 1900.

Urban (I.) Festschrift zur Feier des siebenzigsten Geburtstages des . . . Dr. P. Ascherson (4. Juni 1904) . . . Herausgegeben von I. Urban und P. Graebner. pp. [iv,] lii, 568: 1 pl. col., 1 port., text illust. 8°. Leipzig, 1904.

Urban (I.) [For official publications] See BERLIN.—KOENIGLICHE FRIEDRICH-WILHELMS-UNIVERSITAET.—Botanischer Garten.

URBANA.—University of Illinois. [Founded 1867.] The University Studies. Vol. III, no. 2. pp. 56: 4 pls., 1 text illust. 8°. Urbana & Champaign, 1909.

Contains:—

- Preliminary account of the Geology of the Highlands in New Jersey. By W. S. Bayley.
- Some notes on River development in the vicinity of Danville, Illinois. By C. H. Wegemann.
- Notes on the Distribution of the Mastodon in Illinois. By R. M. Bagg, Jr.

This number also forms "University of Illinois Bulletin," Vol. VI, no. 17.

All previous numbers contain no Natural History.

Urbana.—University of Illinois.—Agricultural Experiment Station. Bulletin. No. 6, 15, 16, 26, 39, 47, 49–60. 8°. Champaign & Urbana, 1889–1900.

Urbana.—**University of Illinois.**—*Agricultural Experiment Station.*
Circular, &c. No. 20–22 & 24. 8°. Urbana, 1900.

Urbana.—**University of Illinois.**—*Illinois State Laboratory of Natural History.*

[1862 Founded as *Museum of the State Natural History Society of Illinois.*
1871 The Society was dissolved and the Museum transferred to the State, as the *Illinois Museum of Natural History.*

1877 Converted into the *Illinois State Laboratory of Natural History*, a State Museum being simultaneously founded at Springfield (q.v.).
1897 Transferred to the *University of Illinois.*

Bulletin, &c. Vol. i→
8°. Bloomington [Ill.], (1876–) 1884→

In Vol. i, no. 1, 2, 5, 6 & 7 are separately paged.

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- Vaillant (L.)** Mémoire sur la disposition des vertèbres cervicales chez les Chéloniens. pp. 106 : 7 pls. See *ANNALES DES SCIENCES NATURELLES, &c.* Zoologie. Sér. VI, tom. X, no. 7. 8°. 1879.
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The letterpress (except the title-page and first sheet) and the plates of this work are identical with those forming Stuk 2 (pp. 517-536) of Deel III of Valentijn's "Oud en nieuw Oost-Indiën."

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VALENTINI (MICHAEL BERNHARD) [1657-1729] Museum Museorum, oder vollständige Schau-Bühne aller Materialien und Specereyen, nebst deren natürlichen Beschreibung . . . aus andern Material-Kunst- und Naturalien-Kammern, Oost- und West-Indischen Reiss-Beschreibungen . . . verfasst, &c. (Unvorgreifliches Bedenken von Kunst- und Naturalien-Kammern insgemein [by D. B. Major].—Oost-Indianische Send-Schreiben von allerhand raren Gewächsen, Bäumen, Jubelen auch andern . . . durch . . . D. Cleyern, Rumphien, H. de Jager, ten Rhyne, [Kaempfer,] &c. . . gewechselt und . . . in . . . Teutsche . . . Sprache übersetzt von M. B. Valentini.) pp. [xvii,] 520 : 7 pls., engr. title, text illust. (pp. [ii,] 76 : text illust.—pp. [ii,] 119 [12] : 9 pls.) 3 Thl. [in 1 Vol.] fol. *Frankfurt am Mayn*, 1704.

Printed in double column. The half-title as well as the engraved title to the volume reads: "Valentini Natur- und Materialien-Kammer, auch Ost-Indianische Send-Schreiben und Rapporten."

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— Zweyter Theil, &c. (Anhang von verschiedenen Kunst- und Naturalien-Kammern, &c.) pp. [xvii,] 196 (116) : 39 pls., text illust., engr. title. fol. *Frankfurt am Mayn*, 1714.

Printed in double column. The half-title and engraved title-page cover this and the following part, and read respectively:—"D. Valentini Schau-Bühne frembder Naturalien . . . oder Musei Museorum zweiter und dritter Theil," and "D. Valentini Musei Museorum . . . II. Tomus," &c.

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Valentini (M. B.) M. B. Valentini . . . Historia Simplicium reformatā, sub Musei Museorum titulo antehac in vernacula edita, jam autem . . . a D. J. C. Beckero . . . Latio restituta. Accedit India Literata . . . Latinitate donata, longe auctior reddita, novisque figuris . . . illustrata a C. B. Valentini, &c. (Mantissa exoticorum Academica, complectens disputationes quasdam inaugurales . . . de Simplicibus exoticis, &c. pp. [vi,] 664 [13] : 30 pls. fol. *Francforti ad Moenum*, 1716.

Printed in double column.

In this copy the title-page, with the altered and added matter of the 1728 edition, have been bound in between the preface and the body of the work.

— [Another edition entitled:] M. B. Valentini . . . Aurifodina Medica e triplici naturæ regno, minerali, vegetabili & animali, seu Historia Simplicium reformatā . . . cum India Literata . . . Editio secunda, auctior redita per Accessiones novissimas . . . adjecta est Tabula ichnographica stadii studiique medici. pp. [xviii,] 664 [13, 12,] 1 tab. : 30 pls. fol. *Giessæ & Francforti*, 1723.

Wanting the plate (Nuces Myristicæ) to face p. 199.

This is a re-issue of the original sheets of the 1716 edition, with a new title-page and preface, whilst a life of the author in Latin verse, an "Introductio" and "Allegata" have been prefixed, and the "Accessiones novissimæ," with the "Tabula ichnographica," appended.

Valentini (M. B.) Viridarium reformatum, seu regnum vegetabile, das ist : neu-eingerichtetes und vollständiges Kräuter-Buch . . . auch vortreffliche . . . Recepte für allerley Kranckheiten . . . und . . . ein Opus Mago-Cabalisticum eines wahrhaften Adepti (G. A. Sallwigt,) beygefüget, &c. 2 Pt. pp. [xviii,] 583 [12] : 385 pls., text illust. (pp. [viii,] 80 : 10 pls.) fol. *Frankfurt am Mayn*, 1719.

A made-up copy, containing some manuscript notes.

Valentini (M. B.) M. B. Valentini . . . Armamentarium Naturæ systematicum, seu introductio ad philosophiam modernorum naturalem . . . Accedit Historia Literaria S. R. I. Academiæ naturæ curiosorum, &c. (M. B. Valentini prodromus historiæ naturalis Hassiæ, quem anno . . . 1707 sub præsidio auctoris, publicæ . . . sistebat J. N. Müllerus.) pp. [xviii,] 176 (152) : 14 pls., engr. title, text illust. (pp. 38.) 4^o. *Giessæ-Hassorum*, 1709.

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Valentini (M. B.) Amphitheatrum Zootomicum . . . exhibens historiam Animalium anatomicam e Miscellaneis S. R. I. Academiæ Naturæ Curiosorum, Diariis Societatum Scientiarum Regiarum, Parisiensis, Anglicæ & Prussiæ, Actis Hafniensibus & Lipsiensibus . . . collectam. Accedit methodus secandi cadav. Humana . . . ut & ars dealbandi ossa pro sceletopœia, cum osteologia, tabulis myologicis, aliisque MSS. Rauianis (Appendix), &c. 3 Pt. [in 1 Vol.] illust. fol. *Francforti ad Moenum*, 1720.

Printed in double column.

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VALETON (THEODORIC) [1855-] Plantæ Papuanæ. pp. 70 [2]. See NEDERLANDSCH OOST INDIË.—*Departement van Landbouw*. Bulletin, &c. No. 10. 8^o. 1907.

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VANNES.—Société Polymathique du Morbihan.

[1826 Founded as Société Archéologique du Morbihan.

1860 Société Polymathique, &c.]

Bulletin (Procès Verbaux), &c. Ann. 1857–93.

8°. Vannes, 1858–94.

There is a "Table générale . . . de 1857–74" paged on at the end of Ann. 1874. In some of the volumes the "Procès-Verbaux," which begin in 1866, are separately paged.

Vannes.—Société Polymathique du Morbihan. Histoire naturelle du Morbihan. Catalogues raisonnés des productions des trois règnes de la Nature recueillies dans le département, &c.

The several Catalogues issued under this heading by the Society are entered under the names of the individual authors as follows:

Mammals, Birds and Reptiles. See TABLÉ (A.)

Mollusca. See TABLÉ (A.)

Lepidoptera. See GRIFFITH (W. J.)

Phanerogams. See ARRONDEAU (E. T.)

Minerals. See LIMUR (F. DE) Count.

The earlier Catalogue of Minerals by G. d'Ault-Dumesnil is wanting.

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Sandhurst Gold field. Scale 40 chains [= $\frac{1}{2}$ m.] to 1 in.
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Ballarat Gold field. Geologically surveyed by R. A. F.
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Geological Sketch Map of the Russell's Creek Gold
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Stawell Gold field. Geologically . . . surveyed by
N. Taylor . . . Scale 40 chains [= $\frac{1}{2}$ m.] to 1 in.
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Notes referring to the geological map, &c.
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Garden Gully line of reef. Scale 60 ft. to an inch.
(Transverse & longitudinal sections.)
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Victoria, Australia.—DEPARTMENT OF MINES. [Maps.]
Creswick Gold field. Geologically . . . surveyed by
F. M. Krause . . . Scale 40 chains [= $\frac{1}{2}$ m.] to 1 in.
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1. The first part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

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1875



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- VIDAL Y SOLER (SEBASTIAN)** Sinopsis de Familias y Géneros de Plantas Leñosas de Filipinas, introducción a la Flora Forestal del Archipiélago Filipino. *pp.* xviii, 411, & atlas, 100 pls. 8°. & fol. Manila, 1883.
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- Veillot (L. J. P.)** Ornithologie, par M. l'Abbé Bonnatte et continuée [pp. 321–1460] par L. P. Veillot. See ENCYCLOPÉDIE MÉTHODIQUE, &c. Tableau Encyclopédique et méthodique des Trois Règnes de la Nature, &c. 4°. 1820–1823.
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Of this work, twelve livraisons, each having 6 plates and a sheet of text, had been issued by 1830: viz., No. 1–4 in 1823; No. 5–7 in 1825; No. 8 in 1826; and No. 9–12 in 1880 (Bibl. Franç.). Publication was then suspended.
A number of additional plates had been printed off, and in 1907 sets of all the plates, to the number of 100, were made up by the holder, and put on the market, the circular accompanying them stating that "Le texte réduit à quelques feuilles de généralités a disparu." The numeration of the plates is not consecutive.
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The 24 coloured plates of the first six livraisons are unnumbered, and the text to each is separately paged. With this portion of the work, subsequently bound at the end as an appendix, Veillot had nothing to do. Veillot's text, subdivided into five parts, is in three sections (parts 3–5 being continuously paged) arranged in two volumes.
301 coloured plates, consecutively numbered, and 33 plain plates, accompany these volumes. Among the coloured plates, there is a "Pl. 23 bis," but no pl. 151, which was omitted because the references in the text to plates 144–150 had been erroneously given as to 145–151. Pl. 300 ranks between pl. 232 & 233, whilst pl. 301 follows pl. 292.

Viellot (L. J. P.) & others. Faune Française, ou histoire naturelle générale et particulière des Animaux qui se trouvent en France, constamment ou passagèrement . . . par MM. L. P. Viellot (les Oiseaux); A. G. Desmarest (les Mammifères, les Reptiles, les Insectes Orthoptères, Hemiptères, et Névroptères); De Blainville (les Animaux sans vertèbres, à l'exception des Insectes); C. Prévost [or rather, H. M. D. de Blainville] (les Poissons); A. Serville (les Insectes Coléoptères, Hyménoptères et Diptères); Lepelletier Saint-Fargeau (les Insectes Lépidoptères); C. A. Walckenaer (les Aranéides). 8 Vol. & Atlas, 4 Vol. 8°. & 4°. [Paris, 1820-30].

Without title-pages. Livr. 1 & 2, Coléoptères, pp. 1-96, were re-written: a copy of the cancelled issue is bound in at the end of that section of the work. The text is complete for the Birds only.

The sections issued are as follows:—

Vertébrés.

Mammifères. pp. 80†: 4 pls. col.

Oiseaux. pp. 443: 88 pls. col.

Reptiles. 18 pls. col.

Poissons. pp. 96†: 22 pls. col.

Malacozoaires. pp. 320†: 42 pls. col.

Insectes.

Hexapodes.

Coléoptères. pp. 240†: 22 pls. col.

Hyménoptères. pp. 96†: 8 pls. col.

Lépidoptères. pp. 256†: 46 pls.

Névroptères. 2 pls. col.

Orthoptères. 2 pls. col.

Hemiptères. 6 pls. col.

Octopodes.

Aranéides. pp. 240†: 10 pls. col.

Crustacés. 10 pls. col.

Actiniaires. 4 pls. col.

Echinodermes. 4 pls. col.

Vers. 2 pls. col.

For the dates of publication of the various parts, See **SHERBORN & WOODWARD**, Ann. & Mag. Nat. Hist., Ser. VII, vol. VIII, 1901, p. 493.

VIENNA. [Ankündigung eines systematischen Werkes von den Schmetterlingen der Wienergegend, herausgegeben von einigen Lehrern (i.e. I. Schiffermüller and J. N. C. M. Denis) am K. K. Theresianum. pp. 322: 2 pls. 4°. Wien, 1775.]

Wanting. The title-page to this issue is printed from a wood-block.

— [Another issue entitled:] Systematisches Verzeichniss der Schmetterlinge der Wienergegend, &c. pp. 322: 2 pls. 4°. Wien, 1776.

The title-page to this issue is printed from a copper plate.

Jacob Hübner's copy with his autograph notes and signature is in the Walsingham Library.

— [Another edition.] Mit einer Synonymie der vorzüglichsten Schriftsteller und vielen Anmerkungen und Zusätzen von neuem herausgegeben. 2 Bd. 8°. Braunschweig, 1801.

Vienna. Die Zinsler, Wickler, Schaben und Geistchen des Systematischen Verzeichnisses der Schmetterlinge der Wiener Gegend verglichen mit den in der Schiffermüllerschen Sammlung in Wien befindlichen . . . Arten dieser Gattungen, &c. See **CHARPENTIER (T. von)**. 8°. 1821.

Vienna. Die Botanischen Anstalten Wiens im Jahre 1894. 8°. Wien, 1894.

Originally issued as a "Festgabe" for the sixty-sixth meeting of the "Deutscher Naturforscher und Aerzte" held the same year at Vienna.

Contains:—

No. I. K. k. Universität.

Pt. 1. Botanisches Museum und Botanischer Garten. Verfasst von . . . K. Fritsch.

„ 2. Das Pflanzenphysiologische Institut. Verfasst von . . . F. Krasser.

„ II. K. k. Hofgarten zu Schönbrunn. Verfasst von . . . A. Umlauf.

„ III. Botanische Abtheilung des k. k. naturhistorischen Hofmuseums.

Aufzählung der im Herbarium . . . enthaltenen Pflanzensammlungen. Verfasst von A. Zahlbruckner.

„ IV. K. k. zoologisch-botanische Gesellschaft.

„ VI. Botanische Privatsammlungen.

VIENNA.—*Botanischer Garten.*

See infra, KAISERLICH-KOENIGLICHE UNIVERSITAET.

VIENNA.—*Botanisches Museum.*

See infra, KAISERLICH-KOENIGLICHE UNIVERSITAET.

VIENNA.—*Erste Internationale Jagdausstellung, 1910.* Fuehrer durch die Deutsche Abtheilung der . . . Jagdausstellung. pp. 60: 17 pls. (back to back). 8°. Berlin, 1910.

Vienna.—*Erste Internationale Jagdausstellung, 1910.* Pavillon der n.-ö. Landes-Gewerbeförderung. Spezialführer durch die Kollektiv-Ausstellungen des heimischen Kunst- und Kleingewerbes. pp. 47: 1 plan. 8°. Wien, 1910.

Vienna.—*Erste Internationale Jagdausstellung, 1910.* Catalogue of Exhibits in the British section of the International Shooting and Field Sports Exhibition, Vienna, 1910. pp. viii, 63: 22 pls. 4°. London, 1911.

VIENNA.—*Exposition Universelle, 1873.* See infra, Welt-Ausstellung.

VIENNA.—*Hortus Botanicus Vindobonensis.* See infra, KAISERLICH-KOENIGLICHE UNIVERSITAET.

VIENNA.—*International Shooting and Field Sports Exhibition, 1910.* See supra, Erste Internationale Jagdausstellung.

VIENNA.—*Kaiserlich-Koenigliche Hofburg.* Der Wintergarten in der K. K. Hofburg . . . geschildert, &c. See **ANTOINE (F.)** obl. fol. 1852.

Vienna.—*Kaiserlich-Koenigliche Hofburg.* Phyto-iconographie der Bromeliaceen des Kaiserlichen Königlichen Hofburg-Gartens, &c. See **ANTOINE (F.)** 4°. & fol. 1884.

VIENNA.—*Universal Exhibition, 1873.* See infra, Welt-Ausstellung.

VIENNA.—*Welt-Ausstellung, 1873.* Notice sur les pêcheries et la chasse aux Phoques dans la Mer Blanche, l'Océan Glacial et la Mer Caspienne. [One of the publications issued in connection with the Exhibition.] See **SCHULTZ (A.)** 8°. 1873.

Vienna.—*Welt-Ausstellung, 1873.* Descriptive Catalogue of the Exhibits in the New Zealand Court (Beschreibender Catalog, &c.—Catalogue descriptif, &c.), &c. pp. 47. 4°. London [1873]. English, German and French in parallel columns.

VIENNA.—*Academia Vindobonensis.* See infra, KAISERLICH-KOENIGLICHE UNIVERSITAET.

VIENNA.—*Akademischer Verein der Naturhistoriker an der Wiener Universitaet.* See infra, NATURWISSENSCHAFTLICHER VEREIN AN DER UNIVERSITAET WIEN.

VIENNA.—*Anthropologische Gesellschaft.* [Founded 1870.]

Mittheilungen, &c. Bd. I-XVII. illust. 8°. Wien, 1871-87. Bd. XI-XVII are also styled "Neue Folge, Bd. I-VII."

VIENNA.—*Congrès International Ornithologique, Vienne, 1884.* See CONGRÈS INTERNATIONAL ORNITHOLOGIQUE VIENNE, 1884.

VIENNA.—*Deutscher und Oesterreichischer Alpenverein.* [Founded 1873 by the amalgamation of the Oesterreichischer Alpen Verein (1862) & the Deutscher Alpenverein (1869).]

Atlas der Alpenflora. Herausgegeben vom Deutschen . . . Alpenverein, &c. See **DALLA TORRE (K. W. von)** 8°. [1881-] 1892 [-84].

— II. Neubearbeitete Auflage, &c. 8°. (1896-) 1897.

VIENNA.—Embryologisches Institut der Kaiserlich-Koeniglichen Universitaet.

See infra, KAISERLICH-KOENIGLICHE UNIVERSITAET.

VIENNA.—Gartenbaugesellschaft des Oesterreichischen Kaiserstaates.

Botanisches Archiv... Abbildungen und Beschreibungen neuer oder seltener Pflanzen, welche in den Gärten der Monarchie blühen. Herausgegeben von C... von Hügel. No. I & II. 10 pls. col., with descriptive letterpress. 8°. Wien, 1837.

Large paper copy.

VIENNA.—Geologische Gesellschaft.

[Founded 1907.]

Mittheilungen, &c. Bd. I→ *illustr.* 8°. Wien, 1908→

VIENNA.—Kaiserlich-Koenigliche Gartenbaugesellschaft.

See supra, GARTENBAUGESELLSCHAFT DES OESTERREICHISCHEN KAISERSTAATES.

VIENNA.—Kaiserlich-Koenigliche Geographische Gesellschaft. [Founded 1856.]

Mittheilungen, &c. Bd. I-XXXI. 8°. Wien, 1857-88.

Bd. XI-XXXI are also styled "Neue Folge, Bd. I-XXI."

Vienna.—Kaiserlich-Koenigliche Geographische Gesellschaft.

Festschrift aus Veranlassung der fünfundzwanzigjährigen Jubelfeier... im Jahr 1881. Von... J. Chavanne, &c. pp. 131. 8°. 1881.

Issued as a supplement to Vol. XXIV of the Mittheilungen.

VIENNA.—Kaiserlich-Koenigliche Hofkammer im Muenz- und Bergwesen. [Founded 1835.]

Bericht über die Mineral-Sammlung, &c. pp. viii, 156: 2 pls. 4°. Wien, 1843.

VIENNA.—Kaiserlich-Koenigliche Universitaet. [Founded 1865.]

Hortus Botanicus Vindobonensis, seu Plantarum rariorum quæ in Horto... coluntur, icones coloratæ et succinctæ descriptiones. 3 Vol. [in 2.] See JACQUIN (N. J. VON) *Baron*. fol. 1770-76.

Vienna.—Kaiserlich-Koenigliche Universitaet.

Stapeliarum in Hortis Vindobonensibus cultarum descriptiones figuris coloratis illustratæ, &c. See JACQUIN (N. J. VON) *Baron*. fol. 1806.

Vienna.—Kaiserlich-Koenigliche Universitaet.

Catalogus Horti Academici Vindobonensis. 2 Tom. [in 1.] See ENDLICHER (S. L.) 12°. 1842-43.

Vienna.—Kaiserlich-Koenigliche Universitaet.

Endlicher's Paridus Vindobonensis, Abbildungen seltener und schönblühender Pflanzen der Wiener [University] und anderer Gärten, &c. Vol. I & II, pt. 1.† See HARTINGER (A.) fol. 1844-60.

Vienna.—Kaiserlich-Koenigliche Universitaet.

Mittheilungen aus dem Embryologischen Institute der K. K. Universität... von... S. L. Schenk. Bd. I & II. 8°. Wien, 1877-83.

— Neue Folge. Hft. I-V.† 8°. Wien, 1885-92.

Vienna.—Kaiserlich-Koenigliche Universitaet.

Arbeiten aus dem Zoologischen Institute der Universität Wien und der Zoologischen Station in Triest. Herausgegeben von... C. Claus (fortgeführt von... K. Grobben... und... B. Hatschek). Tom. I→ 8°. Wien, 1878→

Each paper is separately paged.

Vienna.—Kaiserlich-Koenigliche Universitaet.

Beiträge zur Paläontologie Österreich-Ungarns und des Orients, herausgegeben von E. von Mojsisovics und M. Neumayr. Bd. I-VIII. 4°. Wien, (1880-) 1882-91.

On the wrappers of Hft. 1-3 the title reads: "Beiträge zur Paläontologie von Oesterreich-Ungarn und den angrenzenden Gebieten."

[Continued as:]

Beiträge zur Paläontologie und Geologie Oesterreich-Ungarns und des Orients begründet von... E. v. Mojsisovics und... M. Neumayr. Mittheilungen des Paläontologischen Instituts der Universität Wien herausgegeben... von... W. Waagen ([and afterwards] G. von Arthaber, V. Uhlig, C. Diener, & F. E. Suess). Bd. IX→ 4°. Wien, (1894-) 1895→

Vienna.—Kaiserlich-Koenigliche Universitaet.

Schedæ ad Floram Exsiccata Austro-Hungaricam a Museo Botanico Universitatis Vindobonensis editam auctore [I-VII] A. Kerner ([VIII & IX] C. Fritsch [X] Editore R. de Wettstein). Pt. I-X.

8°. Vindobonæ, 1881-1913.

Vienna.—Kaiserlich-Koenigliche Universitaet.

Botanisches Museum und Botanischer Garten. Verfasst von... K. Fritsch.—Das Pflanzenphysiologische Institut. Verfasst von... F. Krasser. See VIENNA. Die Botanischen Anstalten Wiens im Jahre 1894. No. 1. 8°. 1894.

VIENNA.—Kaiserlich-Koenigliche Zoologisch-Botanische Gesellschaft.

[1851 Founded as Zoologisch-Botanischer Verein.

1855 Kaiserlich-Königliche Zoologisch-Botanische Gesellschaft.]

Verhandlungen (Sitzungsberichte—Abhandlungen), &c. Bd. I-LVI. 8°. Wien, 1852-1906.

— [Proceedings—Papers], &c. Bd. LVII→ 8°. Wien, 1907→

— Personen-, Orts- und Sach-Register der fünf ersten Jahrgänge (1851-1855), &c. 8°. Wien, 1857.

— der zweiten fünfjährigen Reihe (1856-1860), &c. 8°. Wien, 1862.

— der zweiten zehnjährigen Reihe (1861-70), &c. 8°. Wien, 1872.

— der dritten zehnjährigen Reihe (1871-80), &c. 8°. Wien, 1884.

— der vierten zehnjährigen Reihe (1881-1890), &c. 8°. Wien, 1895.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft.

Abhandlungen, &c. Bd. I→ 8°. Wien & Jena, 1901→

Each heft contains a separately-paged paper.

Bd. IV→ published at Jena.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft.

Festschrift zur Feier des fünfundzwanzigjährigen Bestehens der... Gesellschaft, &c. pp. 330 [1]: 18 pls. (col.), 1 map col. 4°. Wien, 1876.

Contains:—

1. Die morphologische Bedeutung der Segmente, speciell des Hinterleibes, bei den Orthopteren. Von C. Brunner von Wattenwyl.
2. Die natürlichen Einrichtungen zum Schutze des Chlorophylls der lebenden Pflanze. Von J. Wiesner.
3. Ueber die Malayische Säugethier-Fauna. Von A. von Pelzeln.
4. Ueber die Organisation und systematische Stellung der Gattung *Seison*, Gr. Von C. Claus.
5. Beiträge zur Kenntniss der sogenannten falschen Chinarinden. Von A. Vogl.
6. Zur Teratologie der Ovula. Von J. Peyritsch.
7. C. Cinsius' Naturgeschichte der Schwämme Pannoniens. Von H. W. Reichardt.
8. Die Schutzmittel der Blüten gegen unerwünschte Gäste. Von A. Kerner.
9. Die Neuropteren Europas und insbesondere Oesterreichs, mit Rücksicht auf ihre geographische Verbreitung... Von F. Brauer.
10. Die Schlangen und Eidechsen der Galapagos-Inseln. Von F. Steindachner.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft.
Botanik und Zoologie in Oesterreich in den Jahren
1850 bis 1900. Herausgegeben von der . . . Gesellschaft
. . . anlässlich der Feier ihres fünfzigjährigen Bestandes.
pp. ix, 620: 5 pls., 33 ports., text illust. 8°. Wien, 1901.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft.
[History of the Society.] See VIENNA. Die Botanischen
Anstalten Wiens im Jahre 1894. No. IV. 8°. 1894.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft.
F. X. F. von Wulfen's Flora Norica Phanerogama, &c.
See WULFEN (F. X. VON). 8°. 1858.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft.
Nachträge zu Maly's Enumeratio Plantarum Phanero-
gamarum imperii Austriaci universi von A. Neilreich,
&c. See NEILREICH (A.) 8°. 1861.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft.
Nouveau système des Blattaires, &c. See BRUNNER
VON WATTENWYL (C.) 8°. 1865.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft.
Nachträge zur Flora von Nieder-Oesterreich von A.
Neilreich, &c. See NEILREICH (A.) 8°. 1866.
This was issued as a supplement to the Society's "Verhandlungen,"
Bd. xvi.

— von E. von Halacsy & H. Braun, &c. *pp. v, 354.*
8°. Wien, 1882.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft.
Catalogus Hymenopterorum Europæ . . . Herausgegeben
von der . . . Gesellschaft, &c. See KIRCHNER (L. A.)
8°. 1867.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft.
Diagnosen der in Ungarn und Slavonien bisher beo-
achteten Gefäßpflanzen welche in Koch's Synopsis
nicht enthalten sind, &c. See NEILREICH (A.) 8°. 1867.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft.
Die Diatomeen der hohen Tatra, &c. See SCHUMANN
(J.) 8°. 1867.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft.
Monographia generis Osmundæ, &c. See MILDE (C. A. J.)
8°. 1868.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft.
Neu aufgefundene Abbildung des Dronte und eines
zweiten kurzflügeligen Vogels, wahrscheinlich des Poule
Rouge au Bec de Bécasse, der Maskarenen in der Privat-
bibliothek S. M. des verstorbenen Kaisers Franz, &c.
See FRAUENFELD (G. VON). fol. 1868.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft.
Die Vegetationsverhältnisse von Croatien, &c. See NEIL-
REICH (A.) 8°. 1868.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft.
Commelinaceæ Indicæ, imprimis Archipelagi Indici,
&c. See HASSKARL (J. K.) 8°. 1870.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft.
Systematische Aufzählung der im Erzherzogthume
Oesterreich ob der Enns bisher beobachteten samen-
losen Pflanzen (Kryptogamen), &c. See POETSCH (L. S.)
& SCHIEDERMAIER (K. B.) 8°. 1872.

— Nachträge, &c. 8°. 1894.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft.
Monographie der Phaneropteriden. See BRUNNER VON
WATTENWYL (C.) 8°. 1878.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft.
Die Laubmoosflora von Oesterreich - Ungarn, &c.
See JURATZKA (J.) 8°. 1882.

Vienna.—Kaiserlich-K. Zool.-Bot. Gesellschaft.
Monographie der Pseudophylliden, &c. See BRUNNER
VON WATTENWYL (C.) 4°. 1895.

**VIENNA.—Kaiserlich-Koenigliches Hof-Mine-
ralien-Kabinet.**

[c. 1748 Formed part of the private collection of the Sovereign, known as
the Hofnaturalien Kabinet.]

1851 Established as a separate institution.

1877 Incorporated in the Kaiserlich-Koenigliches Naturhistorisches
Hofmuseum, q.v.]

Kurze Uebersicht der . . . zur Schau gestellten acht
Sammlungen . . . von P. Partsch. *pp. 77: 1 plan.*
8°. Wien, 1843.

Vienna.—Kaiserlich-K. Hof-Mineral-Kabinet.
Die Meteoriten, oder vom Himmel gefallenen Steine
und Eisenmassen . . . Beschrieben . . . von P. Partsch.
pp. xii, 162: 1 pl. 8°. Wien, 1843.
This copy has been interleaved 4°.

Vienna.—Kaiserlich-K. Hof-Mineral-Kabinet.
Die Mineralien-Sammlung . . . von P. Partsch. *pp. 80.*
8°. Wien, 1843.

Vienna.—Kaiserlich-K. Hof-Mineral-Kabinet.
Die terminologische oder Kennzeichen-Sammlung . .
von P. Partsch. *pp. 44.* 8°. Wien, 1844.

Vienna.—Kaiserlich-K. Hof-Mineral-Kabinet.
Katalog der Bibliothek . . . Zweite . . . Auflage . . . von
A. Schrauf. *pp. x, 310.* 8°. Wien, 1864.

Vienna.—Kaiserlich-K. Hof-Mineral-Kabinet.
Uebersicht der Sammlungen, &c. *pp. xii, 111.*
8°. Wien, 1873.

Vienna.—Kaiserlich-K. Hof-Mineral-Kabinet.
Das K.K. Hof-Mineralienkabinet . . . die Geschichte
seiner Sammlungen und die Pläne für die Neuaufstel-
lung derselben in dem K. K. Naturhistorischen Hof-
museum, &c. See HOCHSTETTER (F. VON) Baron.
4°. 1884.

**VIENNA.—Kaiserlich-Koenigliches Naturhis-
torisches Hofmuseum.**

[c. 1748 Founded as the private collection of the Sovereign and known as
the Hofnaturalien Kabinet.]

1798 A special Zoological collection was started.

1803 A special Botanical collection was started.

1851 The collections were subdivided into independent institutes,
viz. :—

(1) Kaiserlich-Königliches Zoologisches Kabinet.

(2) Kaiserlich-Königliches Hofmineralien Kabinet.

(3) Kaiserlich-Königliches Botanisches Kabinet.

1877 They were re-united as the Kaiserlich-Koenigliches Naturhis-
torisches Hofmuseum.

For history, See FITZINGER (L. J.) Sitzungsber. k. Akad. Wissensch. Wien.
math.-nat. Class. Bd. xxi. *pp. 433-79; LVII, abth. I, pp. 1013-1092;*
LVIII, abth. I, *pp. 35-120; LXXXI, abth. I, 267-329; LXXXII, abth. I,*
pp. 279-333.]

Annalen des Wiener Museums der Naturgeschichte, &c.
Bd. I & II.† 4°. Wien, 1835-40.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum.
Zoologische Abhandlungen aus den Annalen des Wiener
Museums der Naturgeschichte I. und II. Bandes.
Abth. I. Wirbelthiere. 4°. Wien, 1841.

Wanting Abth. II. Wirbellose Thiere.

A series of excerpts from the "Annalen," bearing the original pagi-
nation.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum.
Annalen, &c. Bd. I→ 8°. Wien, 1886→

— Register zu den Bänden I-IV (I-VI, I-VIII, I-X).
8°. [Wien, 1890-95.]

Issued with last part respectively of Bd. IV, VI, VIII & X.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum.
Das K.K. Hof-Mineralienkabinet . . . und die Pläne für
die Neuaufstellung derselben in dem K.K. Natur-
historischen Hofmuseum, &c. See HOCHSTETTER (F. C.
VON) Baron. 4°. 1884.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum.
Allgemeiner Führer durch das . . . Museum . . . Von
. . . F. Ritter von Hauer. *pp.* 366: 2 *plans*, *text illust.*
8°. *Wien*, 1889.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum.
I. a Born . . . Index Rerum Naturalium Musei Cæsarei
Vindobonensis Pars I^{ma} Testacea.—Verzeichniss, &c.
See BORN (I. VON). 8°. 1778.

— [Another edition entitled:] Testacea Musei
Cæsarei Vindobonensis, &c. fol. 1780.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum.
Notitia collectionis insignis Vermium Intestinalium et
exhortatio ad commercium litterarium, quo illa per-
ficiatur, et scientiæ atque amatoribus reddatur com-
muniter proficua [By J. G. Bremser], &c. *pp.* 31.
4°. (*Vindobonæ*, 1811.)

— [German edition] Nachricht von einer beträcht-
lichen Sammlung thierischer Eingeweidewürmer, &c.
pp. 31. 4°. (*Vindobonæ*, 1811.)
Differs from the preceding solely in the first 8 pp., which are in German
instead of Latin.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum.
Prodromus Floræ Norfolkicæ, sive Catalogus Stirpium
quæ . . . a F. Bauer collectæ . . . nunc in Museo . . .
servantur. *See* ENDLICHER (S. L.) 8°. 1833.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum.
Novarum Stirpium Decades. [By S. L. Endlicher and
E. Fenzl.] Editæ a Museo, &c. 10 Pt. *pp.* [iv], 90.
4°. *Vindobonæ*, 1839.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum.
Ueber einige neue und seltene Fisch-Arten aus den
K. K. Zoologischen Museen zu Wien . . . und Warschau.
See STEINDACHNER (F.) 4°. 1879.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum.
Das Prachtstück Altmexikanischer Federarbeit aus der
Zeit Montezuma's im Wiener Museum. *See* DRESDEN.
— KOENIGLICHES ZOOLOGISCHES UND ANTHROPOLOGISCH-
ETHNOGRAPHISCHES MUSEUM. Abhandlungen, &c.
1886-87. No. 7. 4°. 1887.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum.
Ueber einige neue und seltene Fisch-Arten aus der
ichthyologischen Sammlung des . . . Hofmuseums.
See STEINDACHNER (F.) 4°. 1892.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum.
Botanische Abtheilung des . . . Hofmuseums.—Aufzäh-
lung der im Herbarium des . . . Hofmuseums enthaltenen
Pflanzensammlungen. Verfasst von . . . A. Zahlbruckner.
See VIENNA. Die Botanischen Anstalten Wiens im
Jahre 1894. No. III. 8°. 1894.

Vienna.—Kaiserlich-K. Naturhist. Hofmuseum.
Schedæ ad "Kryptogamas exsiccatas." Cent. I→
8°. *Wien*, 1894→

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1877 Incorporated in the K. K. Naturhistorisches Hof-Museum, q. v.]

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C. Polypomedusen. Von L. von Lorenz.

D. Echinodermen. Von F. Fischer.

E. Crustaceen, Pycnogoniden und Arachnoideen. Von C. Koelbel.

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G. Mollusken. Von E. Becher.

H. Bryozoen. Von L. von Lorenz.

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„ 8. Mineralogie. pp. 20.

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VIENNA.—Museum Cæsareum Palatinum Vindobonense.

See supra, KAISERLICH-KOENIGLICHES NATURHISTORISCHES HofMUSEUM.

VIENNA.—Naturwissenschaftlicher Verein an der Universitaet Wien.

[1872 Founded as Akademischer Verein der Naturhistoriker an der Wiener Universitaet.

1882 Re-constituted as Naturwissenschaftlicher Verein an der Universitaet Wien.]

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„ II. „ 1. Systematisches Verzeichniss der Schmetterlinge. Von V. Kollar.

„ III. „ 2. Systematisches Verzeichniss der . . . geradflügeligen Insekten. Von V. Kollar.

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In Latin, French and Dutch: each separately paged.

This work was projected in 1766 (Beckmann's "Phys.-ökon. Bibliothek," Bd. VII, 1776, p. 105), and subscriptions invited in 1769 (Preface to Tom. I). By 1776 the first part consisted of Tom. I, pp. 1-40: *pls. i-xxiv* and Tom. II, pp. 1-8: *pls. i-viii* (Beckmann, *op. cit.* pp. 105-107). By 1778 Tom. I had been carried to p. 72 with 40 *pls.* (Fuessly's "Mag. Liebhab. Entom." Bd. I, pp. 4-70). The death of the author in that year stopped the work for the time, and no more had appeared by 1781 (cf. "Comment. Rebus Sci. Nat. & Med. Lipsiæ," Vol. XXIV, p. 274). In 1796 the work stood:—Tom. I, pp. 1-88 for each section of the text and 48 plates; Tom. II, pp. 1-24 with 24 plates ("Cat. Bibl. Banks," Tom. II, p. 229).

In 1804 Bakhuyzen, having acquired the stock from Voet's executors, announced his intention of completing the work. His additions, as shown by change of font in the text, consisted of:—Tom. I, Lat. pp. 97-104 (mis-paged "67-74") and Fr. pp. 97-114, Dutch pp. 97-111, with *pls. xlix-liv*; Tom. II, Lat. pp. 33-82, Fr. pp. 41-86, Dutch pp. 41-87: *pls. xxi-l.*

Voet (J. E.) J. E. Voets Beschreibungen und Abbildungen hartschaaliger Insekten, Coleoptera, Linn. Aus dem Original getreu übersetzt, mit der in selbigem fehlenden Synonymie und beständigen Commentar versehen von D. G. W. F. Panzer. 5 Thl. [in 2] *illustr. col.* 4^o. Erlangen, [1782-] 1793-1802.

Thl. 1 and 2 contain the translation of Voet's text Tom. I, Latin, pp. 1-83 with explanations by Panzer of the rest of the figures on *pl. xlviii*. Thl. 3 and 4 contain the translation of Voet's text Tom. II Latin, pp. 1-24 (= Panzer Thl. 3, pp. 1-64) with descriptions by Panzer of the rest of the figures on *pl. xxi*, and of those on *pls. xliii-xlviii*. *Pls. xlix-liv* of Voet's Tom. I and *pls. xlix-l.* of Tom. II seem to have been unknown to Panzer and were probably published after his work had appeared.

Thl. 5 by Panzer has a second title which reads:—"Beiträge zur Geschichte der Insekten. Herausgegeben von D. G. W. F. Panzer," &c. —as well as Latin versions of both titles.

The first four parts of Thl. I appeared as follows:—pp. 1-16: *pls. i-iii* in 1782; pp. 17-32: *pls. iv-vi* in 1783; pp. 33-64: *pls. vii-xi* in 1784; and pp. 65-103: *pls. xii-xx* and engr. title in 1785 (cf. Beckmann's "Phys.-ökon. Bibliothek," Bd. XII, pp. 385 & 589; XIII, p. 405; XIV, p. 151).

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Vollenhoven (S. C. S. VAN) & **Selys-Longchamps** (M. E. DE) *Baron*. Insectes de Madagascar, &c. See POLLEN (F. P. L.) & DAM (D. C. VAN) Recherches sur la Faune de Madagascar, &c. Pt. 5. 4^o. 1877.

VOLLMANN (FRANZ) Flora von Bayern. pp. xxviii, 840 : text illust. 8^o. Stuttgart, 1914.

VOLNEY (CONSTANTIN FRANÇOIS DE CHASSEBŒUF) Count [1757–1820] Travels through Syria and Egypt, in . . . 1783–85 . . . Translated from the French. 2 Vol. illust. 8^o. London, 1787.

The French original appeared in the same year.

VOLTA (GIOVANNI SERAFINO) Elementi di Mineralogia analitica, e sistematica . . . Edizione corretta, &c. pp. xvi, 296. 8^o. Cremona, 1787.

Volta (G. S.) Ittiolitologia Veronese del Museo Bozziano ora annesso a quello del Conte G. Gazola e di altri gabinetti di fossili Veronesi con la versione Latina. 3 Pt. [in 2 Vol.] fol. Verona, 1796–1809.

Italian and Latin in parallel columns.

Revue critique des Poissons fossiles figurés dans l'Ittiolitologia Veronese, &c. See AGASSIZ (J. L. R.) 8^o. 1835.

VOL'TKE (GH.) K istorii razvitiya *Urospora mirabilis*, Aresch. (Zur Entwicklungsgeschichte d. *Urospora mirabilis*, Aresch.) pp. 53 : 2 pls. See ODESSA.—NOVOROSSIJSKOE OBSSHCHESTVO ESTESTVOISPUITATELĖ. Zapiski, &c. Tom. XII. [Pt. 1.] 8^o. 1887.

VOLTZ (FRIEDRICH) Geologische Bilder aus dem Mainzer Becken. pp. viii, 88 : 4 pls. 8^o. Mainz, 1852.

Voltz (F.) Uebersicht der geologischen Verhältnisse des Großherzogthums Hessen. pp. vi, 169 : 1 map geol. col. 8^o. Mainz, 1852.

VOLTZ (PHILIPPE LOUIS) [1785–1840] Observations sur les Bélemnites, &c. pp. 70 : 8 pls. See NANCY.—SOCIÉTÉ DES SCIENCES. Mémoires, &c. Tom. I, livr. I. 4^o. 1830.

Voltz (P. L.) Notice sur le Grès bigarré de la grande carrière de Soultz-les-Bains, &c. pp. 14. See NANCY.—SOCIÉTÉ DES SCIENCES. Mémoires, &c. Tom. II, livr. 2. 4^o. 1836.

Voltz (P. L.) Observations sur les Belopeltis, ou lames dorsales des Bélemnites, &c. pp. 38 : 5 pls. See NANCY.—SOCIÉTÉ DES SCIENCES. Mémoires, &c. Tom. III, livr. I. 4^o. 1840.

VOLYAN (VASILII) Nachalnos osnovanis Roslino-sloviya, &c. [First principles of Botany.] pp. xvi, 271. 8^o. V'yedni, 1854.

VOLZ (WILHELM THEODOR AUGUST HERMANN) [1870–] Die Korallenfauna der Schichten von St. Cassian in Süd-Tirol. Inaugural-Dissertation, &c. pp. 15 : text illust. 4^o. Stuttgart, 1895.

Volz (W. T. A. H.) Zur Geologie von Sumatra. Beobachtungen und Studien. pp. 112 : 12 pls., 3 maps, text illust. See PALAEONTOLOGISCHE ABHANDLUNGEN, &c. Bd. x, hft. 2. 4^o. 1904.

Volz (W. T. A. H.) Das geologische Alter der *Pithecanthropus*-Schichten bei Trinil, Ost-Java. See NEUES JAHRBUCH FÜR MINERALOGIE . . . Festband zur Feier des 100jährigen Bestehens, 1807–1907. 8^o. 1907.

Volz (W. T. A. H.) Kartographische Ergebnisse meiner Reisen durch die Karo- und Pakpaktakländer (Nord-Sumatra). 8^o. [Amsterdam, 1908.] Tijdschr. K. Nederl. Aardrijksk. Genoot. Amsterdam. 1908, pp. 1345–1382 : 2 pls., 3 maps.

VOORHELM (GEORGE) Traité sur la Jacinte. Contenant la manière de la cultiver suivant l'expérience qui en a été faite. pp. 123 : 2 pls. 8^o. Harlem, 1752.

VOORST (ADOLPH VAN) See VORSTIUS (A.)

VORHAUSER (JOHANN) [1784–1865] & **Liebener** (L.) Die Minerale Tirols, &c. See LIEBENER (L.) & VORHAUSER (J.) 8^o. 1852.

VORLAENDER (DANIEL) [1867–] Krystallinisch-flüssige Substanzen. pp. iv, 82 : text illust. 8^o. Stuttgart, 1908.

Vorlaender (D.) & **Hauswaldt** (H.) Achsenbilder flüssiger Krystalle. pp. 13 [2], 19 pls. See ACADEMIA CAESAREA LEOPOLDINO-CAROLINA, &c. Nova Acta, &c. Bd. XC, no. 2. 4^o. 1909.

VORONIN (MIKHAÏL STEPANOVICH) [1838–1903] Ueber den Bau des Stammes von *Calycanthus*, &c. pp. 8 : 1 pl. 4^o. (Halle) [1860]. Bot. Zeitung. Jahrg. 1860.

Voronin (M. S.) Ueber die bei der Schwarzerle (*Alnus glutinosa*) und der gewöhnlichen Garten-Lupine (*Lupinus mutabilis*) auftretenden Wurzelanschwellungen. pp. 13 : 2 pls. See ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, &c. Sér. VII, tom. X, no. 6. 4^o. 1866.

Voronin (M. S.) *Exobasidium Vaccinii*. pp. 20 : 3 pls. 8^o. Freiburg, 1867.

Voronin (M. S.) Ueber die Sclerotienkrankheit der Vaccinieen-Beeren. Entwicklungsgeschichte der diese Krankheit verursachenden Sclerotinien. pp. 49 : 10 pls. (col.) See ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, &c. Sér. VII, tom. XXXVI, no. 6. 4^o. 1888.

Voronin (M. S.) Die Sclerotienkrankheit der gemeinen Traubenkirsche und der Eberesche. (*Sclerotinia Padi* und *S. Aucupariae*.) pp. 27 : 5 pls. (col.) See ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, &c. Sér. VIII, tom. II, no. 1. 4^o. 1895.

Voronin (M. S.) Ueber *Sclerotinia cinerea* und *Sclerotinia fructigena*. pp. 38 : 6 pls. (col.) See ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, &c. Sér. VIII, tom. X, no. 5. 4^o. 1900.

Voronin (M. S.) Beitrag zur Kenntniss der Monoblepharideen. pp. 24 : 3 pls. (col.) See ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, &c. Sér. VIII, tom. XVI, no. 4. 4^o. 1904.

Voronin (M. S.) & **Bary** (H. A. DE) Beiträge zur Morphologie und Physiologie der Pilze. Reihe I-V. See BARY (H. A. DE) & VORONIN (M. S.) 4^o. 1864-82.

Voronin (M. S.) & **Famintzuin** (A. S.) Ueber zwei neue Formen von Schleimpilzen: *Ceratium hydnoides*, Alb. et Schw., und *Ceratium porioides*, Alb. et Schw. pp. 16: 3 pl. See ST. PETERSBURG.—ACADÉMIE IMPÉRIALE DES SCIENCES. Mémoires, &c. Sér. VII, tom. XX, no. 3. 4^o. 1873.

Voronin (M. S.) & **Rostafinski** (J. T.) Ueber *Botrydium granulosum*. See ROSTAFINSKI (J. T.) & VORONIN (M. S.) 4^o. 1877.

VORST (ADOLPH) See VORSTIUS.

VORSTIUS (ADOLPHUS) [1597-1663] Catalogus Plantarum Horti Academici Lugduno-Batavi, quibus is instructus erat anno 1633... Accessit Index Plantarum indigenarum, quæ propè Lugdunum in Batavis nascuntur. See SPIGELIUS (A.) A. Spigeli. Isagoges in Rem Herbariam, libri duo, &c. 8^o. 1633.

VORSTIUS (ÆLIUS EVERARDUS) [1565-1624] E. Vorstii... Oratio funebris in obitum C. Clusii Atrebatensis, &c. See LÉCLUSE (C. DE). C. Clusii... Curæ posteriores, &c. 4^o. 1611.

VOS (ANDRÉ DE) Flore complète de la Belgique. Espèces indigènes et Plantes cultivées sans abri. pp. xxiii, 739. 8^o. Mons, 1885.

VOS (GERARDUS DE) G. de Vos... Commentatio in quæstionem... propositam: quæritur, ad incrustationes indigenæ sint chemicæ, an vero alius originis? &c. pp. 12. See LEYDEN.—RIJKS UNIVERSITEIT. Annales, &c. 1822-3. 4^o. 1824.

Vos (G. DE) G. von Vos... Responsio ad quæstionem... "Entozoa, quæ... in Humanis corporibus hactenus, in Belgio fuerunt reperta, enumerentur et ad genera et species... referantur, etc." pp. 68. See UTRECHT.—RIJKS-UNIVERSITEIT. Annales, &c. 1822-3. 8^o. 1824.

VOSGES, *Department of the*. [Maps.] Carte Géologique des Vosges, par H. Hogard... échelle 1: 120,000 [i.e. 1 in. = 2 m. about]. 4 sh. col. Mulhouse, 1845.

Vosges, *Department of the*. [Maps.] Carte Géologique du département des Vosges par E. de Billy. Echelle 1: 80,000 [i.e. 1 in. = 1½ m. about]. 4 sh., & 2 of sections, col. [Paris,] 1848.

VOSMAER (ARNOUT) [1720-1799] Poissons, Écrevisses et Crabes... que l'on trouve autour des îles Moluques, et sur les côtes des Terres Australes... [Second edition] augmenté d'une préface par... A. Vosmaer. 2 Tom. [in 1] illust. See RENARD (L.) fol. 1754.

Vosmaer (A.) Natuurkundige beschrijving eener uitmuntende verzameling van zeldsaame Gedierten, bestaande in Oost- en Westindische viervoetige Dieren, Vogelen en Slangen, weleer levend voorhanden geweest zynde, buiten den Haag, op het kleine Loo van Z. D. H. den Prins van Oranje-Nassau, &c.

4^o. Amsterdam, (1766-) 1804.

Under this collective title are brought together 83 separate papers, each with its distinctive title-page. In this copy they have been arranged chronologically instead of in the systematic order of the index. The half-title, a coloured lithographed design, reads: "Regnum Animale per A. Vosmaer." The first 26 pls., i.e. those issued before 1780, are without legends.

1. Beschrijving van een... soort van Africaansch Breedsnuitig Varken, of Bosch-Zwyn, &c. pp. 15: 1 pl. col. 1766.
2. Beschrijving van een... soort van Africaansch Basterd-Morneldier, &c. pp. 8: 1 pl. col. 1767.

[**Vosmaer** (A.) Natuurkundige beschrijving eener uitmuntende verzameling van zeldsaame Gedierten, &c. (contd.)]

3. Beschrijving van een... soort van Oostindischen... vliegende Eekhoorn, &c. pp. 12: 1 pl. col. 1767.
4. Beschrijving van... het Guineesche Juffer-Bokje. pp. 8: 1 pl. 1766.
5. Beschrijving van een... Surinaamsche Ratelslang, &c. pp. 22: 1 pl. col. 1768.
6. Beschrijving van den Amerikaanschen Trompetter, &c. pp. 8: 1 pl. col. 1768.
7. Beschrijving van een... Amerikaanschen langstaartigen Ys-Vogel, &c. pp. 9: 1 pl. col. 1768.
8. Beschrijving van een... Amerikaansch Ys-Vogeltje, hebbende byna geen staart, &c. pp. 6: 1 pl. 1768.
9. Beschrijving van twee... Oost-Indische Ys-Vogeltjes, &c. pp. 7: 1 pl. col. 1768.
10. Beschrijving van een... Amerikaansche langstaartige Aap-soort... genaamd... Bosch-Duivel, of Slinger-Aap, &c. pp. 12: 1 pl. col. 1768.
11. Beschrijving van eenen... Amerikaanschen Lyster, Quereiva genaamd, in Brasil vallende, &c. pp. 7: 1 pl. col. 1769.
12. Beschrijving van den Amerikaanschen Rots-Haan, &c. pp. 7: 1 pl. col. 1769.
13. Beschrijving van een... Oost-Indische Papegaay-soort, de groote Purper-Roode Loer genaamd, in Ceylon vallende, &c. pp. 10: 1 pl. col. 1769.
14. Beschrijving van eenen Afrikaanschen... Roof-Vogel, de Sagittarius genaamd, &c. pp. 8: 1 pl. col. 1769.
15. Beschrijving van een tot nu toe onbekende vyfvingerige Luiard-soort, in Bengalen vallende, &c. pp. 20: 1 pl. col. 1770.
16. Beschrijving van een... Amerikaansche... Slinger-Aap-soort genaamd de Fluiter, &c. pp. 6: 1 pl. col. 1770.
17. Beschrijving van een... Afrikaansche... Kat-soort, genaamd de Bizaam-Kat, &c. pp. 6: 1 pl. col. 1771.
18. Beschrijving van een... soort van Amerikaansche... Wezel, Potto genaamd, &c. pp. 6: 1 pl. col. 1771.
19. Beschrijving van den Amerikaanschen... Stier, genaamd Bison, &c. pp. 10: 1 pl. col. 1772.
20. Beschrijving van den Oostindischen... Ichneumon, &c. pp. 10: 1 pl. col. 1772.
21. Beschrijving van eenen... Oostindischen... Bosch-Hond, &c. pp. 6: 1 pl. col. 1773.
22. Beschrijving van een... Oostindische... Bosch-Kat, &c. pp. 6: 1 pl. col. 1773.
23. Beschrijving van twee... Platstaart Slangen, &c. pp. 8: 1 pl. col. 1774.
24. Beschrijving van de... Langstaartige, ruw-geschubde Slang-Hagedis... geyk mede, van de... Worm-Hagedis, &c. pp. 8: 1 pl. col. 1774.
25. Beschrijving van de... Aap-soort, genaamd Orang-Outang, &c. pp. 23: 2 pls. col. 1778.
26. Beschrijving van de... Harte-Bokken, genaamt Condou, &c. pp. 15: 1 pl. col. 1783.
27. Beschrijving van het... Eland... genaamd Canna. pp. 12: 1 pl. col. 1783.
28. Beschrijving van een Boschbuffel... genaamd Gnou. pp. 14: 1 pl. 1784.
29. Beschrijving eener... Harteboek... onder de benaaming van Pronkbok. pp. 14: 1 pl. col. 1784.
30. Beschrijving van het... Giraffe, &c. (Waarneemingen over het geraamte van de Camelopardalis, &c. [By P. Camper, 1786.]) pp. 44: 2 pls. col. 1787.
31. Beschrijving van een... Africaansch Diertje... genaamd de Groenglanzige Mol, &c. pp. 12: 1 pl. col. 1787.
32. Beschrijving van een... Ceilonsche Kaneelduif, &c. pp. 12: 1 pl. col. 1804.
33. Beschrijving van eenen... Africaanschen... naakthal-sigen Nimmerzat of Wulp... genoemd Bosch-Kalkoen, &c. pp. 8: 1 pl. col. 1804.

Vosmaer (A.) Description d'un recueil exquis d'Animaux rares, consistant en Quadrupèdes, Oiseaux et Serpents, des Indes orientales, et occidentales, &c. 4^o. Amsterdam, (1767-) 1804 (-05).

French edition of the preceding, with the same coloured half-title. The separate papers are arranged as shown in the Contents, i.e. chronologically under the three divisions Mammals, Birds, and Reptiles. No. 15-20 are marked as "traduit par Mr. Renfer."

1. Description d'une... espèce de Porc à Large Groin ou Sanglier d'Afrique, &c. pp. 15: 1 pl. col. 1767.
2. Description d'une... espèce de Petit Bouc Damoiseau de Guinée, &c. pp. 8: 1 pl. col. 1767.
3. Description d'une... espèce de Marmote-Bâtard d'Afrique, &c. pp. 8: 1 pl. col. 1767.
4. Description d'une espèce... de grand Écureuil volant à longue queue des Indes orientales, &c. pp. 11: 1 pl. col. 1767.
5. Description d'une espèce... de Singe d'Amérique à longue queue, nommé Quatto... et, par les Hollandois, Bosch-Duivel... ou Slinger-Aap, &c. pp. 12: 1 pl. col. 1768.
6. Description d'une espèce de Fureteur Pentadactyle... qui se trouve au Bengale, &c. pp. 19: 1 pl. col. 1770.
7. Description d'une espèce... de Singe Voltigeur Américain... nommé le Siffleur, &c. pp. 6: 1 pl. col. 1770.
8. Description d'une espèce... de Chat Africain... nommé Chat-Bizaam, &c. pp. 6: 1 pl. col. 1771.
9. Description d'une... Belette Américaine... nommée Potto. pp. 6: 1 pl. col. 1771.
10. Description du Bœuf Bossu d'Amérique nommé Bison, &c. pp. 10: 1 pl. col. 1772.
11. Description de l'Ichneumon Indien, &c. pp. 10: 1 pl. col. 1772.

[**Vosmaer** (A.) Description d'un recueil exquis d'Animaux rares, &c. (contd.)]

12. Description d'un Chien Sauvage Indien . . . trouvé dans l'Isle de Ceylan, &c. pp. 6 : 1 pl. col. 1773.
18. Description d'un Chat Sauvage Indien . . . trouvé au Japon, &c. pp. 6 : 1 pl. col. 1773.
15. Description de l'espèce de singe . . . nommé Orang-Outang de l'Isle de Borneo. pp. 23 : 2 pls. col. 1778.
16. Description d'un animal . . . qui porte le nom de Coudou, &c. pp. 14 : 1 pl. col. 1738.
17. Description . . . d'Elan, &c. pp. 12 : 1 pl. col. 1783.
18. Description d'un . . . quadrupède . . . appelé Gnon chez les Hottentots, &c. pp. 13 : 1 pl. col. 1784.
19. Description d'une . . . Gazelle, connue . . . sous le nom de Pronk-Bok, &c. pp. 14 : 1 pl. col. 1784.
20. Description d'un animal . . . auquel j'ai donné le nom . . . de Taupé Verdâtre Luisante, &c. pp. 11 : 1 pl. col. 1787.
21. Description du . . . Chameau-Léopard (Camelopardalis), &c. (Remarques sur le squelette de la Giraffe, &c. [By P. Camper.]) pp. 46 : 2 pls. col. 1787.
1. Description du Trompette Américain, oiseau . . . de Surinam, &c. pp. 8 : 1 pl. col. 1768.
2. Description d'un Alcyon d'Amérique, à longue queue, &c. pp. 9 : 1 pl. col. 1768.
3. Description d'un petit Alcyon d'Amérique, &c. pp. 6 : 1 pl. col. 1768.
4. Description de deux petits Alcyons des Indes orientales, &c. pp. 7 : 1 pl. 1768.
5. Description d'une . . . Grive d'Amérique, nommée Quereiva, &c. pp. 5 : 1 pl. col. 1769.
6. Description du Coq-des-Roches Américain, &c. pp. 7 : 1 pl. col. 1769.
7. Description d'une . . . espèce de Perroquet des Indes nommé le Grand Lory Rouge-Pourpre, &c. pp. 10 : 1 pl. col. 1769.
8. Description d'un Oiseau de Proie, nommé le Sagittaire, &c. pp. 8 : 1 pl. col. 1769.
9. Description d'une espèce . . . de Pigeon nommée Pigeon Cannelle de Ceylan, &c. pp. 12 : 1 pl. col. 1805.
10. Histoire naturelle du Courli Africain, &c. pp. 8 : 1 pl. col. 1805.
1. Description d'un Serpent à Sonnette de l'Amérique, &c. pp. 20 : 1 pl. col. 1767.
2. Description d'un . . . Léopard-Serpent . . . et d'un . . . Léopard-Ver, Africain, &c. pp. 8 : 1 pl. col. 1774.
3. Description de deux . . . Serpens à queue aplatie, &c. pp. 8 : 1 pl. col. 1774.

— [Another copy.]

Wanting the collective title, préavis, and the last four papers published. The plates are uncoloured.

— [Another copy.]

This differs from the preceding in that the plates, which are coloured and in some cases have been retouched, with only four exceptions bear legends in Dutch.

VOSMAER (GUALTHERUS CAREL JACOB) Aanteekeningen over *Leucandra aspera*, H. Bijdrage tot de kennis der Kalksponzen. Academisch proefschrift, &c. pp. 96 : 2 pls. col. 8°. Leiden, 1880.

Vosmaer (G. C. J.) Report on the Sponges dredged up in the Arctic Sea by the "Willem Barents" in . . . 1878-79. See NIEDERLANDSCHES ARCHIV FUER ZOOLOGIE. Supplement Band I. 8°. 1882.

Vosmaer (G. C. J.) Spongien (Porifera). See BRONN (H. G.) Die Klassen und Ordnungen des Thier-Reichs, &c. Bd. II. [abth. I.] 8°. (1882-) 1887.

Vosmaer (G. C. J.) The Sponges of the "Willem Barents" Expedition 1880-81. pp. 47 : 5 pls. (col.), text illust. See AMSTERDAM. — KONINKLIJK ZOOLOGISCH GENOOTSCHAP "NATURA ARTIS MAGISTRA." Bijdragen tot de Dierkunde. Aflev 12. 4°. 1885.

Vosmaer (G. C. J.) The Porifera of the Siboga-Expedition [to the Dutch East Indies]. II. The genus *Spirastrella*. pp. 69 : 14 pls. (col.) See WEBER (M. C. W.) Siboga-Expeditie . . . 1899-1900, &c. Monog. VI a'. 4°. 1911.

Vosmaer (G. C. J.) & **Pekelharing** (C. A.) Observations on Sponges. pp. 51 : 4 pls. See AMSTERDAM. — KONINKLIJKE AKADEMIE VAN WETENSCHAPPEN. Verhandelingen . . . Tweede Sectie. Dl. VI, no 3. 8°. 1898.

Vosmaer (G. C. J.) & **Vernhout** (J. H.) The Porifera of the Siboga-Expedition [to the Dutch East Indies]. I. The genus *Placospongia*. See WEBER (M. C. W.) Siboga-Expeditie . . . 1899-1900, &c. Monog. VI a'. 4°. 1902.

VOSS (ALBERT FRANZ LUDWIG) [1837-1906] See ZEITSCHRIFT FUER ETHNOLOGIE . . . Redactions-Commission : R. Hartmann . . . A. Voss. Bd. XII-XIX. 8°. 1880-87.

VOSS (WILHELM) [1849-1895] Versuch einer Geschichte der Botanik in Krain (1754 bis 1883). Hft. I. pp. 59 : 1 port., text illust. 8°. Laibach, 1884. Jahresh. Staats-Oberrealschule Laibach. 1884.

Voss (W.) Mycologia Carniolica. Ein Beitrag zur Pilzkunde des Alpenlandes. pp. 302. 8°. Berlin, 1889-92. Mittheil. Musealvereines Krain, Jahrg. 1889-92.

Voss (W.) Die Mineralien des Herzogthums Krain. pp. 101, map. 8°. Laibach, 1895.

VOSSLER (JULIUS) Die Amphipoden der Plankton-Expedition. I Theil. Hyperideae I. pp. vii, 129 : 11 pls., 2 maps (col.), text illust. See HENSEN (V. A. C.) Ergebnisse der . . . Plankton-Expedition der Humboldt-Stiftung, &c. Bd. II, G.e. 4°. 1901. Also forms No. 17 of "Mittheil. Königl. Naturalien-Kabinet zu Stuttgart."

Vossler (J.) Die Krebsfauna unserer Gewässer. See ZACHARIAS (O.) Die Tier- und Pflanzenwelt des Süßwassers, &c. Bd. I, no. 9. 8°. 1891.

VOSSIUS (ISAAC) [1618-1689] C. Plinii Secundi Naturalis Historiæ . . . cum commentariis et adnotationibus . . . I. Vossii, &c. See PLINIUS SECUNDUS (C.) 8°. 1778 (-91).

VOSSLER (CH. K.) Die Kokkelskörner und das Pikrotoxin. Mit Benutzung von C. K. Vossler's hinterlassenen Versuchen. See TSCHUDI (J. J. von) Baron. 8°. 1847.

VOTCHAL (EVGHENII FILIPPOVICH) K voprosy o rasprostraneni i raspyedlenii Solyanina v Rasteniyakh, &c.—Zur Frage von der Verbreitung und Vertheilung des Solanin's in den Pflanzen, &c. 2 Pt. See KAZAN. — OBSSHCHESTVO ESTESTVOISPUITATELEI, &c. Trudui, &c. Tom. XVIII [no. 3]; XIX [no. 5]. 8°. 1887, 89.

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The Index to the whole series is reckoned as part of Vol. IV.

Tom. III-VI have secondary titles as under:—

- Tom. III. Synopsis Solanacearum, Scrophularinarum, Orobanchacearum et Labiatarum in botanicorum scriptis ad hunc diem editis descripturum. 1844-45.
- IV. Synopsis Verbenacearum, Myoporinearum, Selaginearum, Stilbinearum, Globulariearum et Plantaginearum omnium ad Annum 1844 cognitarum . . . Additus est Index, &c. 1844-48.
- V. Synopsis Plantarum exogenearum Dialypetalorum omnium inde ab anno 1843 detectarum, exhibens Supplementum tertium ad ordines xcvi priores vegetabilium in Prodromo Candolleano descripturum. 1845-46.
- VI. Synopsis Plantarum exogenearum Gamopetalorum post Prodromi Candolleani tomum decimum et Repertorii Botanices Systematicae fasciculum decimum sextum editos detectarum. 1846-47.

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| 1. Notes on the Coleopterous genus of Insects, <i>Rhynchites</i> of Herbst. | } Ann. Mag. Nat. Hist. Ser. I, vol. XIII, 1844. pp. 81–89. |
| 2. Notes on British species of the genus <i>Bruchus</i> , with descriptions of two species not hitherto recorded as indigenous. | |
| 3. Notes on the synonymy of the genus <i>Apion</i> , with descriptions of new species, &c. | } Ser. I, vol. XIII, 1844. pp. 206–212. |
| 4. Notes . . . on the genera of Insec's <i>Oxystoma</i> and <i>Magdalis</i> . | |
| 5. Notes . . . on the genera of Insects <i>Phyllobius</i> , <i>Polydorus</i> , and <i>Metallites</i> . | } Ser. I, vol. XVII, 1846. pp. 12–20. |
| 6. Notes on the genus of Insects <i>Sitona</i> , with descriptions of two new species. | |
| 7. Notes . . . on the genera of Insects <i>Cacorrhinus</i> and <i>Strophosoma</i> , with descriptions of two new species. | } Ser. I, vol. XVII, 1846. pp. 304–310. |
| 8. Notes on the genus of Insects <i>Trachyphtus</i> , with descriptions of new species. | |
| 9. Notes on the genus of Insects <i>Omias</i> , with descriptions of new species. | } Ser. I, vol. XIX, 1847. pp. 217–223. |
| 10. Notes on the genus of Insects <i>Otiorynchus</i> , with descriptions of new species. | |

[Walton (JOHN) On the British Insects of the family Curculionidae, &c. (contd.)]

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| 11. Notes . . . on the genus of Insects <i>Pissodes</i> , <i>Hypera</i> , &c.; with descriptions of several new species. | } Ser. II, vol. I, 1848. pp. 295-303. |
| 12. Notes . . . on the genus of Insects <i>Anthrenus</i> ; with a description of one new species. | |
| 13. Notes . . . on the genera of Insects <i>Eirrhinus</i> , <i>Notaris</i> , and <i>Procas</i> ; with descriptions of two new species. | |
| 14. Notes on the British species of Curculionidae belonging to the genera <i>Dorytomus</i> and <i>Elleschus</i> . | |
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Two of the plates are on the respective sub-titlepages to the two portions of the book:—"Natural History" and "Antiquities."

For lists of the very numerous subsequent editions of this work, See "Bibliography" by C. D. SHERBORN in R. B. Sharpe's edition, 1900, Vol. II, and article on "G. White of Selborne" by W. H. MULLENS (Occasional Publications, Hastings and St. Leonards Natural History Society, No. 2), 1907.

In these editions the "Naturalist's Calendar," &c., is usually included; whilst the portion relating to the "Antiquities of Selborne" is frequently omitted. The first of these editions is entitled:—"The Works in Natural History of . . . G. White . . . to which are added, a Calendar and Observations, by W. Markwick," 2 Vol. 8°, 1802. The advertisement by the Editor is signed J. W., i.e. John White, the author's nephew.

A new edition in which the title is changed to:—"The Natural History of Selborne," &c., appeared in 1813, 2 Vol. 8°, and again in 1822.

— [Another edition.] The Natural History and Antiquities of Selborne . . . to which are added the Naturalist's Calendar [with the comparative calendar by W. Markwick (afterwards Eversfield)]; Observations on various parts of Nature (from Mr. White's MSS., with remarks by Mr. Markwick.—Observations on some passages in Mr. White's Natural History of Selborne [signed J. M., i.e. J. Mitford]); and Poems . . . A new edition [with a short biographical notice of the author, and an advertisement, by J. W., i.e. his nephew, John White], &c. pp. x, 537 [1]: 12 pls. (col.) 4°. London, 1813.

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Page 527 is misprinted 257, and p. 584 as 854.

Of the 12 plates, two are on the title-pages to the two parts, and one is a tailpiece on p. ix.

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— [Another edition.] The Natural History of Selborne . . . Arranged for young persons [by G. Agar-Ellis, Lady Dover, for her son Henry, afterwards 4th Viscount Clifden]. pp. x, 316: *text illust.* 8°. London, 1833.

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In this edition the name of the editor is given, but the son's title is incorrectly printed as "Clifford."

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— [Another edition.] The Natural History and Antiquities of Selborne . . . With the Naturalist's Calendar . . . A new edition; with Notes by E. T. Bennett . . . and others. pp. xxiii [i], 640: *text illust.* 8°. London (1837).

[**White** (GILBERT) The Natural History and Antiquities of Selborne, &c. (contd.)]

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2. On the Birds of North Borneo. By R. B. Sharpe and J. Whitehead.
[Reprinted from the "Ibis," 1889, and other sources, with additional matter.]
3. On the Birds of Palawan.
[Reprint of a paper by R. B. Sharpe in the "Ibis," 1888, with addenda by J. Whitehead.]
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[Whitehead (J.) Exploration of Mount Kina Balu, &c. (contd.)]

[Appendix (contd.)]

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I. Entdeckungsgeschichte von Neu-Guinea (bis 1828), von A.

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II. — (1828-1885 & 1885-1902) von A. Wichmann. 2 Pt.

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Brethidae, von H. von Schönfeldt.

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VIII. Botanique. Livr. 1—> 1909—>

[The following Botanists have contributed to this volume:—

O. Beccari, C. Bernard, W. Burck, C. de Candolle, H. Christ,

L. Diels, A. Engler, E. Gilg, H. Hallier, H. Harms, W. F.

Hiern, S. H. Koorders, H. Krause, C. Lauterbach, T. Loesener,

J. M. Macfarlane, J. Perkins, A. Pulle, L. Radlkofer,

E. Rosenstock, O. von Seemen, J. J. Smith, J. V. Suringar,

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IX. Zoologie.

„ Livr. 1. Mammals, by F. A. Jentink.

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Neuropteroidea, von H. W. van der Weele.

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Herrn Prof. Göppert... über die... fossilen Pflanzen-Abdrücke von Manch-Chunk.

Verzeichniss der in den Wintermonaten am Wabash vorkommenden Vogel.

In three cases the plates are in duplicate, plain and coloured.

The work appears to have been issued in twenty parts, of which hft. 1-6 (= Vol. I, pp. 1-592) appeared in 1838, and the remainder of Vol. I in 1839; hft. 15-17 (= Vol. II, pp. 169-504) appeared in 1840, and the work was completed in 1841. (*Cf.* "Isis," Bd. XXXI, col. 794; XXXII, col. 405; XXXIII, col. 334; XXXIV, col. 946; and XXXVII, col. 297.)

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Table of Genera [of the Anthomyiidae]. Revised by C. F. Adams.

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Wirén (A.) *Zoologiska Bidrag från Uppsala (Zoologische Beiträge aus Uppsala) . . . Utgifna af A. Wirén. Bd. I—> 8°. Uppsala, &c., 1912—>*

Wirén (A.) & others. *Zoologische Studien . . . T. Tullberg zum 65. Geburtstage gewidmet, &c. pp. [v,] 342: 10 pls., 1 port., text illust. 4°. Uppsala, 1907.*
There is also a Swedish title.

Contains:—

1. Zoologien i Uppsala 1882-1907. En återblick af A. Wirén.
2. Ueber das Crustaceenplankton des Ekoln, &c. Von S. Ekman.
3. Zwei verschollene Ichneumonidengattungen A. E. Holmgren's. Von A. Roman.
4. Ueber die Farbenvariationen von *Isotoma viridis*, Bourl. Von E. Wahlgren.
5. Zur Kenntnis des *Plagiostomum lemani* (Forel & Du Plessis). Von N. von Hofsten.
6. Zur Kenntnis der Trematodengattung *Levinsoniella*. Von L. A. Jägerskiöld.
7. Om förändringar i Svenska fågelfaunan under det sist förfutna halfsekl. Af G. Kolthoff.
8. Description of *Termitomimus*, a new genus . . . with notes on its anatomy. By I. Trägårdh.
9. Zur Phylogenie und Systematik der Seewalzen. Von H. Östergren.
10. Chelonethiden aus Natal und Zululand. Vor A. Tullgren.
11. Some comparative notes on the Anatomy of the Elk (*Alces alces*, Lin.). By E. Lönnberg.
12. Ueber das Epiderm einer Maldanide. Von I. Arwidsson.
13. Zur Regeneration von *Prostoma*, Dug. (*Tetrastemma*, Ehr.). Von O. Carlgren.
14. Ueber die Ernährung des Embryos der *Lamna cornubica*. Von G. Swenander.
15. *Macellicephala violacea* (Lev.), nebst Bemerkungen über deren Anatomie. Von A. Wirén.
16. Zur Anatomie der Didymozoen: ein getrenntgeschlechtlicher Trematode mit rudimentärem Hermaphroditismus. Von T. Odbner.

WIRSING (ADAM LUDWIG) [1734-1797] *Hortus nitidissimis omnem per annum superbiens Floribus . . . in publicum edidit A. L. Wirsing, &c. Vol. II & III. See TREW (C. J.) fol. 1772-86.*

Wirsing (A. L.) *Abbeelding der Marmor soorten, volgens hunne natuurlyke koleuren, &c. See MARMOR. 4°. 1776.*

Wirsing (A. L.) *Eclogæ Botanicae e Dictionario Regni Vegetabilis Buc'hodiziano collectæ exhibentes Plantarum antea ineditarum icones ad prototypa accuratissime expressas . . . cum descriptionibus et adnotationibus necessariis. Manip. I.† pp. [iv,] 10 pls. fol. Norimbergæ, 1778.*

Wirsing (A. L.) *Plantæ rariores . . . curam et illustrationem suscepit . . . A. L. Wirsing, &c. Decas II & III. See TREW (C. J.) fol. 1779-84.*

Wirsing (A. L.) & **Guenther** (F. C.) *Sammlung von Nestern und Eyern verschiedener Vögel, aus den Cabineten des . . . Hofrath Schmidels und des Herrn Verfassers. Gestochen und herausgegeben durch A. L. Wirsing. Hinlänglich beschrieben und abgehandelt von D. F. C. Günther. [Hft. 2 by N. G. Leske and D. Piesch], &c. pp. xii [vi,] 133: 101 pls. col. fol. Nürnberg, 1772 [-86].*

Issued in four parts, each with 25 plates, of which the first in each part alone bears date, viz.:—Pl. i, 1767; pl. xxvi, 1771; pl. li, 1775; and pl. lxxvi, 1786. The "Vorbericht" to Hft. 2 by Leske is dated 1784: there is no text to Hft. 3 & 4.

A French edition of Hft. 1 appeared in 1772.

A prospectus of this work (with 12 of the plates) and of B. C. Vogel's "Sammlung meistens Deutscher Vögel," &c., was issued in 1770 (cf. Beckmann's "Phys.-ökonom. Bibliothek," &c. Bd. i, p. 328).

WIRTGEN (PHILIPP WILHELM) [1806-1870] [Leitfaden für den Unterricht in der Botanik, &c. 12°. Coblenz, 1839.]

Wanting.

— Zugleich als Anleitung zur leichteren Bestimmung der wildwachsenden Gefäßpflanzen des mittleren und nördlichen Deutschlands . . . Dritte . . . Auflage. pp. x, 628. 12°. Coblenz, 1852.

Wirtgen (P. W.) *Flora des Regierungsbezirks Coblenz. pp. xi, 238. 8°. Coblenz, 1841.*

Wirtgen (P. W.) *Prodromus der Flora der Preussischen Rheinlande. Erste Abtheilung†: Phanerogamen, &c. pp. xii, 208. 8°. Bonn, 1842.*

Wirtgen (P. W.) *Herbarium Mentharum Rhenanarum*. Erläuterungen zu dem Herbarium der Rheinischen Menthen. (Zweite Auflage.) pp. 16. 8°. Coblenz [1855].

Wirtgen (P. W.) *Flora der Preussischen Rheinprovinz und der zunächst angrenzenden Gegenden*. Ein Taschenbuch, &c. pp. xxii, 563 : 2 pls. 12°. Bonn, 1857.

Wirtgen (P. W.) *Rheinische Reise-Flora*. Kurze Uebersicht und Charakteristik aller in dem Stromgebiete des Rheines, mit Ausnahme des Alpiner Theils, vorkommenden Gefässpflanzen. pp. xxiv, 323, 178. 8°. Coblenz, 1857.

Wirtgen (P. W.) *Anleitung zur landwirthschaftlichen und technischen Pflanzenkunde*, &c. 2 Curs. [in 1 Vol.] illust. 8°. Coblenz, 1857-60.

Wirtgen (P. W.) *Flora der Preussischen Rheinlande, oder die Vegetation des Rheinischen Schiefergebirges und des Deutschen Niederrheinischen Flachlandes*. ... Bd. i.† Die Thalamifloren De Candolle's. pp. 372. 8°. Bonn, 1870.

WIRZÉN (JOHANNES ERNST ADHEMAR) *Dissertatio academica Enumerationem Plantarum officinalium Fenniam sponte inhabitantium* ... offert censuræ J. E. A. Wirzen. See ILMONI (I.) 4°. [1837.]

Wirzén (J. E. A.) *Dissertatio academica in geographica Plantarum per partem provinciae Casanensis distributione illustranda periculum sistens* ... offert J. E. A. Wirzén ... respondente P. E. Åberg, &c. pp. 129. 8°. Helsingfors, 1839.

Wirzén (J. E. A.) *Scriptores rei herbariae Fennicae. Disquisitio botanico-critica* ... edidit J. E. A. Wirzén ... Part. i.† respondente N. G. Nykopp, &c. pp. 16. 8°. Helsingfors, 1843.

WISCONSIN, State of.—BOARD OF IMMIGRATION. *Statistics: exhibiting the history, climate and productions, &c.* pp. 55 : 1 map. 8°. Madison, Wis., 1869.

WISCONSIN, State of.—GEOLOGICAL SURVEY. *Annual Report* ... By J. G. Percival. [No. 2.] 8°. Madison [Wis.], 1856.

Wisconsin, State of.—GEOLOGICAL SURVEY. *Report* ... [By] J. Hall ... and J. D. Whitney, &c. Vol. i.† pp. xix, 455 : 10 pls. (col.), 3 maps (1 col.), text illust. 8°. [Albany, N.Y.] 1862.

On general Geology and Palæontology. (Catalogue of Fossils known in the Paleozoic formations, with observations upon some of the known species, and descriptions of several new forms.) By J. Hall.
On the Upper Mississippi Lead region. By J. D. Whitney.
Observations upon the remains of extinct and existing species of Mammalia found in the crevices of the Lead-bearing rocks, and in the superficial accumulations within the Lead region of Wisconsin, Iowa and Illinois. By J. Wyman.
Observations upon the Mammalian remains found in the crevices of the Lead-bearing rocks at Galena, Illinois. By J. Leidy.

Wisconsin, State of.—GEOLOGICAL SURVEY. *Geology of Wisconsin. Survey of 1873-79*. 4 Vol. & 3 Atlases. 8°. & fol. Madison [Wis.], 1877-83.

Wanting Sheets 8 & 9 of Atlas, Vol. II.

Vol. I. pp. xxiv, 725 : 11 pls., text illust. 1883.

- Pt. 1. General Geology. By T. C. Chamberlin.
" 2. Chap. 1. Chemical Analyses. Compiled by R. D. Salisbury.
" 2. Minerals of Wisconsin. By R. D. Irving.
" 3. Lithology of Wisconsin. By R. D. Irving.
" 4. List of Wisconsin Fossils. Compiled by R. P. Whitfield.
" 5. Catalogue of the Phenogamous and Vascular Cryptogamous Plants of Wisconsin. By G. D. Swezey.
" 6. A partial List of the Fungi of Wisconsin, with descriptions of new species. By W. F. Bundy.
" 7. The Ornate Fauna of Wisconsin, with descriptions of little known species of *Cambarus*.
" 8. A Catalogue of Wisconsin Lepidoptera. By P. R. Hoy.—A list of the Noctuidæ of Wisconsin. By P. R. Hoy.

[Wisconsin, State of.]—GEOLOGICAL SURVEY. (contd.)
[Geology of Wisconsin, &c. (contd.)]

[Vol. I, pt. 2 (contd.)]

Chap. 9. Catalogue of the cold-blooded Vertebrates of Wisconsin. By P. R. Hoy.

" 10. List of the Mammals of Wisconsin. By M. Strong.

" 11. Economic relations of Wisconsin Birds. By F. H. King.

Pt. 3. " 1. Iron Ores. By R. D. Irving.

" 2. Lead and Zinc Ores. By M. Strong.

" 3. Economic suggestions in regard to Copper, Silver and other Ores. By T. C. Chamberlin.

" 4. Building material. By T. C. Chamberlin.

" 5. Soils and subsoils of Wisconsin. By T. C. Chamberlin.

" 6. Artesian wells. By T. C. Chamberlin.

Vol. II. pp. xix, 763 : 37 pls. (col.), text illust. Atlas, 15 maps col. 1877.

Pt. 1. Report of progress and results for 1873-4. By I. A. Lapham.—Report of progress and results for 1875. By O. W. Wright.

" 2. Geology of eastern Wisconsin. By T. C. Chamberlin.

" 3. Geology of central Wisconsin. By R. D. Irving. (Appendix.—Microscopic Lithology. By C. E. Wright.)

" 4. Geology and topography of the Lead region. By M. Strong.

Vol. III. pp. xxii, 763 : 52 pls. (col.), text illust. Atlas, 14 maps col. 1880.

Pt. 1. The Geological Structure of northern Wisconsin. By R. D. Irving.

" 2. Lithology of the Keweenaw system. By R. Pumpelly.

" 3. Geology of the eastern Lake Superior district. By R. D. Irving.

Appendix A. I. List of publications by C. Whittlesey on the Geology of the regions drained by the Bad and Montreal Rivers.—II. Formations of the Bad River country, as given by C. Whittlesey, &c.

Appendix B. Microscopic examination of Rocks from Ashland county, Wisconsin. By A. A. Julien.

" 4. The Huronian series west of Penoque Gap. By C. E. Wright.

" 5. Geology of the western Lake Superior district. By E. T. Sweet.

" 6. The Geology of the Upper St. Croix district, based on the notes of M. Strong. Edited by T. C. Chamberlin.

" 7. The Geology of the Menominee Iron region, Oconto county, Wisconsin. By T. B. Brooks.

Chapter V. Microscopical observations of the Iron-bearing (Huronian) Rocks from the region south of Lake Superior. By A. Wichmann.

Appendix A. Letters and notes of T. S. Hunt on the Iron-bearing and associated Rocks of the Marquette region, &c.

Appendix B. Sketch of the Laurentian Rocks of Michigan.

" 8. The Geology of the Menominee Iron region ... By C. E. Wright.

Vol. IV. pp. xxiv, 779 : 41 pls. (4 col.), text illust. Atlas, 15 maps (col.) 1882.

Pt. 1. Geology of the Mississippi region, north of the Wisconsin River. By M. Strong.

" 2. Geology of the Lower St. Croix district. By L. C. Wooster.

" 3. Palæontology. By R. P. Whitfield.

" 4. The Ore deposits of southwestern Wisconsin. By T. C. Chamberlin.

" 5. The Quartzites of Barron and Chippewa counties. Compiled from the notes of Messrs. Strong, Sweet, Brotherton and Chamberlin.

" 6. Geology of the Upper Flambeau valley. By F. H. King. (Appendix.—Microscopic examination of a suite of specimens. By R. D. Irving.)

" 7. Crystalline rocks from the Wisconsin valley. By R. D. Irving and C. R. Van Hise.

" 8. Superficial Geology of the Upper Wisconsin valley. Edited by T. C. Chamberlin.

" 9. Geodetic Survey. By J. E. Davies.

WISCONSIN, State of.—GEOLOGICAL AND NATURAL HISTORY SURVEY. [Founded 1897.]

Bulletin No. 1—→ 8°. Madison, Wis., 1898—→

Each number contains a separately-paged Memoir.

The set is also divided into "Economic Series," "Scientific Series," and "Educational Series," each with distinct numeration.

Wisconsin, State of.—GEOLOGICAL AND NATURAL HISTORY SURVEY. [Maps.]

Map of Wisconsin showing Geology and Roads, by W. O. Hotchkiss and F. T. Thwaites ... Scale 1 : 380,160, or 6 miles to an inch. 2 sh. col. [Madison, Wis. ?] 1911.

WISCONSIN, State of. [Maps.]

See supra, GEOLOGICAL & NATURAL HISTORY SURVEY.

WISCONSIN ACADEMY OF SCIENCES, ARTS, AND LETTERS. [Founded 1870.]

Bulletin, &c. Nos. 2 & 3. 1870. 8°. Madison, Wis., 1871.

Wisconsin Academy of Sciences, Arts, and Letters.

Transactions (Proceedings), &c. Vol I→ 1870→
8°. *Madison, Wis.*, 1872→

An Index to Vol. I-VIII was issued as part of Vol. VIII.

WISCONSIN NATURAL HISTORY SOCIETY.

[1857 Founded as *Naturhistorischer Verein von Wisconsin*.

1879 *Natural History Society of Wisconsin*, or alternatively on publications *Wisconsin Natural History Society*.

1899 The *Milwaukee Natural Science Association* was incorporated with it.

1902 *Wisconsin Natural History Society*.]

Bericht, &c. 1871, 1873 & 1874.

8°. [*Milwaukee, Wis.*,] 1872-75.

No part was published for 1872, or 1875.

[Continued as:]

Jahresbericht, &c. 1876. 8°. *Milwaukee, Wis.* [1876.]

[Continued as:]

Jahres-Bericht, &c. 1876-7 to 1880-1.†

8°. *Milwaukee, Wis.*, 1877-81.

No part was published for 1878-9.

Wisconsin Natural History Society.

Proceedings, &c. April 6, 1885—Dec. 17, 1888.

8°. [*Milwaukee, Wis.*, 1885-88.]

Wanting pp. 1-44.

The Proceedings were subsequently published in the Bulletin of the Society [q.v.].

Wisconsin Natural History Society.

Bulletin, &c. (New Series.) Vol. I→ *illustr.*

8°. *Milwaukee, Wis.*, 1900→

Wisconsin Natural History Society.

Occasional Papers, &c. 3 Vol. 8°. *Milwaukee*, 1889-96.

Vol. I. pp. 161: 4 pls., text *illustr.*

No. 1. Observations on sexual selection in Spiders of the family Attidae. By G. W. and E. G. Peckham. 1889.

" 2. Protective resemblances in Spiders. By E. G. Peckham. 1889.

" 3. Additional observations on sexual selection in Spiders of the family Attidae, with some remarks on Mr. Wallace's theory of sexual ornamentation. By G. W. and E. G. Peckham. 1890.

Vol. II. pp. 178 [5]: 16 pls., text *illustr.*

No. 1. Ant-like Spiders of the family Attidae. By G. W. and E. G. Peckham. 1892.

" 2. Spiders of the Marptusa group of the family Attidae. By G. W. and E. G. Peckham. 1894.

" 3. Spiders of the Homalattus group of the family Attidae. By G. W. and E. G. Peckham. 1895.

Vol. III. Spiders of the family Attidae from Central America and Mexico. By G. W. and E. G. Peckham. pp. 101 [2]: 7 pls. 1896.

WISCONSIN STATE AGRICULTURAL SOCIETY. [Founded 1851.]

Transactions, &c. Vol. II & III. *illustr.* 1852-53.

8°. *Madison*, 1853-54.

WISE (HENRY) *Horticulturist* [1653-1738] & **London** (G.) *Le Jardinier Solitaire*, the Solitary or Carthusian Gard'ner . . . By F. Gentil . . . Also the Compleat Florist . . . by L. Liger . . . Newly done into English [by G. London and H. Wise?]. See GENTIL (F.) 8°. 1706.

— [Another edition entitled:] *The Retir'd Gardener*, &c. 8°. 1717.

WISE (HENRY) *Publisher*. *Wise's Directory of New Zealand for . . . 1875-6 . . . Edited by T. H. Feilding*, &c. pp. xxvii, 427 [in 12 separately-paged sections]: 35 maps. 4°. *Dunedin, N.Z.*, 1875.

WISE (JOHN RICHARD DE CAPEL) [1831-1890] *The New Forest: its history and its scenery*. pp. viii, 336: 1 pl., 1 map, text *illustr.* 4°. *London*, 1863 [i.e. 1862].

Appendix contains:—

II. The Flowering Plants.

III. List of the Birds.

IV. The Lepidoptera. By Mr. Baker. Revised by F. Bond.

— Third edition. pp. viii, 336: 1 pl., 1 map, text *illustr.* 8°. *London & Southampton*, 1880.

WISLICENUS (JOHANNES) [1835-1902] *Die Lagerung der Atome im Raume*, von . . . J. H. van 't Hoff . . . Deutsch bearbeitet von . . . F. Herrmann. Nebst einem Vorwort von . . . J. Wislicenus. See HOFF (J. H. VAN 'T). 8°. 1877.

WISLIZENUS (FRIEDRICH ADOLPH) [1810-1889] *Memoir of a Tour to Northern Mexico, connected with Col. Doniphan's Expedition, in 1846 and 1847 . . . With a Scientific (Botanical) Appendix* [by G. Engelmann], &c. pp. 141: 1 pl., 2 maps. 8°. *Washington [D.C.]*, 1848.

Senate [Doc.], 30th Congr., 1st Sess., Miscell. No. 26.

WIŚNIEWSKI (THADEUSZ) [1865-] *Atlas Geologiczny Galicyi*. Zeszyt XXI. 1 sh. col., & text. See GALICIA, *Austria*. s.sh. & 8°. 1908.

WISSELINGH (CORNELIUS VAN) *Over de Kurk-lamel en het Suberine*. pp. 51: 2 pls. col. See AMSTERDAM.—KONINKLIJKE AKADEMIE VAN WETENSCHAPPEN. *Verhandelingen . . . Tweede Sectie*. Dl. I, no. 1. 8°. 1892.

Wisselingh (C. VAN) *Over de Cuticularisatie en Cutine*. pp. 32: 2 pls. (1 col.) See AMSTERDAM.—KONINKLIJKE AKADEMIE VAN WETENSCHAPPEN. *Verhandelingen . . . Tweede Sectie*. Dl. III, no. 8. 8°. 1894.

Wisselingh (C. VAN) *Over de vittæ der Umbelliferen*. (Bijdrage tot de Kennis van den celwand.) pp. 28: 2 pls. (col.) See AMSTERDAM.—KONINKLIJKE AKADEMIE VAN WETENSCHAPPEN. *Verhandelingen . . . Tweede Sectie*. Dl. IV, no. 1. 8°. 1894.

WISSENSCHAFTLICHE MONATS-BLÄTTER. Herausgegeben von K. Hopf und O. Schade. Jahrg. I-VII.† 8°. *Königsberg*, (1873-) 1874-79.

WISSENSCHAFTLICHER VEREIN IN ZÜRICH. See ZÜRICH.

WISSENSCHAFTLICHER VEREIN ZUR VERBREITUNG VON NATURKENNTNISS UND HOEHERER WAHRHEIT. See HALLE.

WISSMANN (HEINRICH LUDOLF) [1815-] *Beiträge zur Geognosie und Petrefactenkunde des südöstlichen Tirols*. See BEITRÄGE ZUR PETREFACTEN-KUNDE. Hft. IV. 4°. 1841.

WISSOZSKY (N.) See VUISOTZKIĬ.

WISTAR INSTITUTE OF ANATOMY & BIOLOGY. [Founded 1892.]

The Anatomical Record. [Published under the direction of an Editorial Board.] Vol. I-IV, no. 1.

8°. *Baltimore, Md.*, & *Philadelphia [Pa.]*, 1906-1910.

Vol. I was issued in connection with the *American Journal of Anatomy*. Wanting, No. 7 & 8 of Vol. II.

WISTRAND (AUGUST TIMOLEON) [1807-1866] *Flora Gothoburgensis . . . p.p. . . A. T. Wistrand . . . Particula II*. See THUNBERG (C. P.) 8°. [1824.]

WISZWIANSKI (HELENE) *Die Faktoren der Wüstenbildung*. pp. 90: 1 pl. 8°. *Berlin*, 1906.

Veröffentlichungen des Instituts für Meereskunde und des Geographischen Instituts, an der Universität Berlin, &c. Hft. 9, 1906.

WITASEK (JOHANNA) *Fräulein*. Ein Beitrag zur Kenntnis der Gattung *Campanula*. pp. 106: text *illustr.* See VIENNA.—KAISERLICH-KÖNIGLICHE ZOOLOGISCH-BOTANISCHE GESELLSCHAFT. *Abhandlungen, &c.* Bd. I, hft. 3. 8°. 1902.

WITCHELL (CHARLES A.) [-1907] & **Strugnell** (W. B.) *The Fauna and Flora of Gloucestershire. pp. xxiv, 301: 10 pls., text illust.* 8°. *Stroud*, 1892.

Contains:—

Classified List of Gloucestershire Earthworms (Oligochaetes). By C. J. Watkins.

The Crayfish. By E. Burgh.

The Ants of Gloucestershire. By W. F. White.

A List of the Hymenoptera Aculeata collected in the neighbourhood of Wotton-under-Edge. . . By V. R. Perkins.

Macro-Lepidoptera. Pt. II. Heterocera. (Introduction by C. J. Watkins.)

The Habitats of some of the Ferns of Gloucestershire. By W. F. White.

Notes on some Gloucestershire aquatic Plants. By S. J. Coley.

The Edible Fungi of Stonehouse. By Prof. [J.] Buckman.

Notes on some Mosses of the Stroud district. By G. Holmes.

The Mosses of the lower part of the Wye Valley, in West Gloucestershire. By W. A. Shoolbred.

The Hepaticæ of Gloucestershire. By H. P. Reader.

WITCHELL (EDWIN) [1823-1887] *The Geology of Stroud and the area drained by the Frome. pp. viii, 108: 5 pls.* 8°. *Stroud*, 1882.

WITH (CARL JOHANNES) [1877-] *The Danish Expedition to Siam, 1899-1900. III. Chelonethi: an account of the Indian False-Scorpions together with studies on the anatomy and classification of the order. pp. 214: 4 pls., 1 map, text illust.* See COPENHAGEN.—KONGELIGT DANSK VIDENSKABERNES SELSKAB. Det. . . Skrifter, &c. Ræk. VII, bd. III, no. 1. 4°. 1906.

WITH (ÉMILE) [1816-] *L'Écorce Terrestre. Les Minéraux, leur histoire et leurs usages dans les arts et métiers. pp. 560: 22 pls., text illust.* 8°. *Paris*, 1874.

WITH (JOANNE) See WHITE (JOHN) *Navigator*.

WITHAM (HENRY THORNTON MAIRE) [1779-1844] *Observations on Fossil Vegetables, accompanied by representations of their internal structure, as seen through the microscope. pp. 48: 6 pls., text illust.* 4°. *Edinburgh & London*, 1831.

Witham (H. T. M.) *The internal structure of Fossil Vegetables found in the Carboniferous and Oolitic deposits of Great Britain. pp. [iv], 84: 16 pls. (col.)* 4°. *Edinburgh & London*, 1833.

WITHER (THOMAS P. BIGG) *Pioneering in South Brazil. Three years of forest and prairie life in the province of Paraná. 2 Vol. illust.* 8°. *London*, 1878.

WITHERING (WILLIAM) [1741-1799] *A Botanical Arrangement of all the Vegetables naturally growing in Great Britain. With descriptions of the genera and species, according to the system of . . . Linnaeus . . . the common English names; the names of Gerard, Parkinson, Ray and Bauhine. . . With an easy introduction to the study of Botany, &c. 2 Vol. [in 1] illust.* 8°. *Birmingham & London*, 1776-92.

A Botanical arrangement of British Plants . . . Second edition . . . including a new set of references to figures. By J. Stokes, &c. 3 Vol. illust. 8°. *Birmingham & London*, 1787.

An Arrangement of British Plants; according to the latest improvements in the Linnæan System . . . Third edition. 4 Vol. illust. 8°. *London*, 1796.

A Systematic Arrangement of British Plants . . . Fourth edition . . . corrected and enlarged by W. Withering [the younger], &c. 4 Vol. illust. 8°. *London*, 1801.

— Fifth edition. 4 Vol. illust. 8°. *Birmingham*, 1812.

An Arrangement of British Plants . . . Sixth edition, &c. 4 Vol. illust. 8°. *London*, 1818.

— Seventh edition. 4 Vol. illust. 8°. *London*, 1830.
The eighth edition cited by Pritzel does not exist. That entry is an error for the first edition of Macgillivray's abridgement [q.v. infra].

Withering (WILLIAM) [*A systematic arrangement of British Plants . . . Corrected and condensed; preceded by an Introduction to the Study of Botany . . . by W. Macgillivray.* 8°. *London*, 1830.]
Wanting.

— Fourth edition. pp. viii, 407: 10 pls. (1 col.) 8°. *London*, 1837.

— Fifth edition. pp. 414: 10 pls. (1 col.) 8°. *London*, 1841.

— Sixth edition. pp. 437: 10 pls. (1 col.) 8°. *London*, 1845.

— Tenth edition. pp. 476: 16 pls. 8°. *London*, 1858.
A fourteenth edition appeared in 1877.

Withering (WILLIAM) *Outlines of Mineralogy, translated from the original of Sir T. Bergman. See BERGMAN (T. O.)* 8°. 1783.

Withering (WILLIAM) *The Lady's and Gentleman's Botanical Pocket Book adapted to Withering's arrangement of British Plants, &c. See MAJOR (W. F.)* 12°. 1800.

Withering (WILLIAM) *The Miscellaneous Tracts of . . . W. Withering . . . To which is prefixed a Memoir of his Life . . . and Writings. [By W. Withering, the younger.] 2 Vol.* 8°. *London*, 1822.

WITHERING (WILLIAM) *the Younger* [-1832] *A Systematic Arrangement of British Plants . . . Fourth edition . . . corrected and enlarged by W. Withering [the younger], &c. 4 Vol. illust.* See WITHERING (W.) *A Botanical Arrangement of all the Vegetables, &c.* 8°. 1801.

— Fifth edition. 4 Vol. illust. 8°. 1812.

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This edition differs from the preceding solely in having a new title-page and preface (pp. i-xxxii).
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In an autograph note in his own copy Dr. J. E. Gray states:—"The names in the List taken from the British Museum were the names of my MSS. except where they [are] those used by Lamarck. The Catalogue of Lamarck species (and the reference to the figures) was furnished by myself, as well as the references of the new species to the Lamarckian genera, but I did not see the name there was given to these as several of them were altered by Mr. Wood."
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8°. & 12°. Worcester, London, 1833-66.

(Report of the Committee—Rules, &c.) pp. 16. 1833.

Illustrations of the Natural History of Worcestershire... By C. Hastings. pp. [i], iv [ii], 184: 1 map geol. col. 1834.

Appendix contains:—

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C. Catalogue of some of the rarer Lepidopterous Insects found in Worcestershire. By Mr. Lees.

D. Catalogue of the... Plants indigenous to Worcestershire, with their habitats.

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YŪHANNĀ IBN SARAPION. *Begin.* Liber Serapionis [meaning Joannes filius Serapionis, otherwise Serapion the elder, or Yūhannā ibn Sarapion, but in reality by Serapion the Younger, otherwise Sarapion] agregatus i medicis simplicib⁵. Trāslatō Symōis [a Cordo] Ianuēsis interpte Abraā iudeo tortuosīsi de Arabico i Latinū. [fol. 183 recto] Incipit Liber Galieni ad Papiam de Virtute Centauree. [Translated from the Greek by Nicolaus Rheginus.]

fol. Per Antōvum Zarotum, Parmēsē, 1473.

185 leaves, without title-page, pagination, catchwords, or signatures. Printed in double column, having 41 lines to the full column. The sections are made up irregularly, of from three to six sheets. This copy has been annotated in manuscript.

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Contains:—

1. Rzut oka na skały warstwowe wchodzące do budowy Tatrów, i wzniesień od nich równoodległych. [A brief summary of the Rocks composing the Tatra Mts., and the trend of their strata.]
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The following authors have collaborated in revising and emending this edition:—

BEECHER (C. E.) Trilobita.	LUCAS (F. A.) Aves.
BAUR (G. H. C. L.) Chelonia.	OSBORN (H. F.) Reptilia.
CASE (E. C.) Amphibia.	PILSBRY (H. A.) Gastropoda.
CLARKE (J. M.) Eucrustacea (pars), Acerata (pars).	SCHUCHERT (C.) Brachiopoda.
DALL (W. H.) Pelecypoda.	SCUDDER (S. H.) Insecta.
HATCHER (J. B.) Reptilia.	SLADEN (W. P.) Asterozoa, Echinozoa.
HAY (O. F.) "	ULRICH (E. O.) Bryozoa, Ostracoda.
HINDE (G. J.) Vermes.	WACHSMUTH (C.) Crinoidea, Blastoida.
HYATT (A.) Cephalopoda.	WILLISTON (S. W.) Reptilia.
KINGSLEY (J. S.) Eucrustacea (pars), Acerata (pars).	WOODWARD (A. S.) Pisces.

— [Another issue.] 2 Vol. *illustr.*

8°. London & New York, 1900–1902.

Differs only from the preceding in the fact that Vol. I is issued in one part, with title-page dated 1900.

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BASSLER (R. S.) Bryozoa, Branchiopoda, Ostracoda, Gastropoda (pars).
CALMAN (W. T.) Cirripedia, Malacostraca.
CLARK (A. H.) Post-Paleozoic Crinoidea.
CLARK (H. L.) Asteroidea, Holothuroidea.
CLARKE (J. M.) Phyllocarida & Arachnida (Merostomata).
CUSHMAN (J. A.) Foraminifera.
DALL (W. H.) Pelecypoda, Gastropoda (pars).
HANDLIRSCH (A.) Insecta [with minor emendations by COCKERELL (T. D. A.) & HOLLAND (W. J.).]
JACKSON (R. T.) Echinoidea.
PETRUNKOVITCH (A.) Embolobranchiata, Myriapoda.
RAYMOND (P. E.) Trilobita.
RUEDEMANN (R.) Graptolitoidea.
SCHUCHERT (C.) Brachiopoda.
SMITH (J. P.) Ammonoidea.
SPRINGER (F.) Cystoidea, Blastoida, Crinoidea.
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ZOOLOGICAL AND ACCLIMATISATION SOCIETY OF VICTORIA.

[1861 Founded as Acclimatisation Society of Victoria.

1872 Zoological and Acclimatisation Society of Victoria.]

Annual Report, &c. No. 1, 20-22, 29, 39-42.

8^o. Melbourne, 1862-1906.

No. 8-11 & 14 were issued as parts of the "Proceedings," Vol. I-V [q.v.].

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Proceedings, &c. Vol. I-V. 8^o. Melbourne, 1872-78.

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8^o. Melbourne, 1861.

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Acclimatisation : its eminent adaptation to Australia. A lecture delivered in Sydney, by . . . G. Bennett . . . Republished by the . . . Society, &c. See BENNETT (G.)

8^o. 1862.

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Answers . . . to the Enquiries . . . by . . . the Governor of Victoria, &c. pp. 20. 8^o. Melbourne, 1864.

ZOOLOGICAL AND BOTANICAL SURVEY OF THE STATE OF MASSACHUSETTS.

See MASSACHUSETTS, *State of*.

ZOOLOGICAL BULLETIN. Edited by C. O. Whitman and W. M. Wheeler. Vol. I & II.† *illustr.* 8^o. Boston [Mass.], (1897-) 1898-99.

This was succeeded by the "Biological Bulletin," which See under WOODS HOLL, Mass.—*Marine Biological Laboratory*.

ZOOLOGICAL CLUB OF THE LINNEAN SOCIETY OF LONDON.

An Address delivered at the Anniversary Meeting of the . . . Club . . . 1826 (-28). 3 No. 8^o. London, 1826-28.

The address for 1826 is by J. E. Bichenor, that for 1827 by J. G. Children, and that for 1828 by J. Brookes.

ZOOLOGICAL DRAWINGS. [A series of zoological drawings, chiefly in water-colour, by various artists. Collected and bequeathed to the British Museum by General T. Hardwicke.] 35 Vol.

For the history of this collection, See BRITISH ASSOCIATION. Report, &c., 1845 (1846), p. 188, footnote; and GRAY (J. E.) List of Books, &c., pp. 7 & 8.

The drawings have been bound into volumes as follows :—

Mammalia of various countries. 117 drgs.

Mammalia from India, East Indian Archipelago, &c. 196 drgs.

[Wanting No. 21-30.]

Birds of India, Tasmania, Australia, &c. 7 Vol. 962 drgs.

Birds, by T. Lewin and Mrs. Withers. 76 drgs.

Chinese Birds. 97 drgs.

Birds. 5 Vol. 582 drgs.

[Wanting No. 39, 130-139 of Vol. III, and No. 35, 37 & 155 of Vol. V.]

Eggs and Nests of Indian Birds. 65 drgs.

Reptiles of India, China, &c. 2 Vol. 367 drgs.

Fishes of India and China. 6 Vol.

Spinous Rayed. 2 Vol. 321 drgs.

Soft Rayed. 2 Vol. 314 drgs.

Cartilaginous. 102 drgs.

Indian Fishes. 81 drgs.

Crustacea of India. 234 drgs.

Suctorial Insects of India, China, &c. 340 drgs.

Mandibulate Insects of India. 144 drgs.

Larvæ of Indian Insects. 94 drgs.

Arachnida, &c., of India. 97 drgs.

Insects of Bengal and other parts of India. 70 drgs.

Coleoptera and Forficulidæ from Nepal, New Holland, &c. 58 drgs.

Mollusca and Radiata of India. 97 drgs.

Miscellaneous drawings of Mammals, Birds, Reptiles, &c. 35 drgs.

Miscellaneous drawings of Indian Mammals, Birds and Fishes. 81 drgs.

ZOOLOGICAL JOURNAL, The . . . Conducted by T. Bell . . . J. G. Children . . . J. de C. Sowerby . . . and G. B. Sowerby ([afterwards] Edited by N. A. Vigors). Vol. I-V.† *illustr. (col.)*

8^o. London, [1824-] 1825-35.

Issued in quarterly parts, four to a volume. Their appearance was somewhat irregular, but in the main coincided with the last month named on the heading to the "Contents" of the part. Part 19, however, which covered from June, 1830, to Sept. 1831, appeared in July 1832 (Mag. Nat. Hist., Vol. v, p. 648); whilst Part 20, for 1832-34, was published in November ? 1835 (Edinb. Journ. Nat. Sci., 5 Dec., 1835, p. 16).

Five parts containing supplemental plates were issued at various periods. Of these No. 4 came out with Pt. 19 of the work, and No. 5 with Pt. 20; the dates of the others are as yet unknown.

ZOOLOGICAL MAGAZINE, The, or Journal of

Natural History: being a series of miscellaneous articles, original and translated, on interesting subjects in Zoology, &c. [Edited by R. Owen, afterwards Sir R. Owen, K.C.B.] No. 1-6.† pp. 192 [1] : 7 pls., text *illustr.* 8^o. London, 1833.

The copy in the Zoological Department has the original wrappers, but wants the title-page and index.

ZOOLOGICAL MISCELLANY, The, &c. Vol. I-III.

See LEACH (W. E.) & NODDER (R. P.) 4^o. 1814-17.

Zoological Miscellany, The . . . By J. E. Gray.

[Pt. I-VI.†] pp. 86 : 4 pls. (col.) 4^o. London, 1831-44.

The dates of issue of the parts are as follows :—Pt. I, pp. 1-40 : 4 pls. 1831; pt. II, pp. 41-48, March 1842; pt. III, pp. 49-56, April 1842; pt. IV, pp. 57-72, May 1842; pt. V, pp. 73-80, June 1842; pt. VI, pp. 81-86, June 1844.

ZOOLOGICAL RECORD. The Record of Zoological Literature . . . Edited by A. C. L. G. Günther. 1864-69. Vol. I-VI. 8°. London, 1865-70.

[Continued as:]

The Zoological Record . . . being . . . the Record of Zoological Literature. Edited by A. Newton ([and afterwards] E. C. Rye; F. J. Bell, F. E. Beddard, D. Sharp.) 1870-1905. Vol. VII-XLII. 8°. London, 1871-1906.

Starting as a private venture, this Record was subsequently (1867-70) financed by the British Association, and placed under the control of their "Zoological Record Committee." In January, 1871, this committee was converted into the independent "Zoological Record Association," and in 1886 the work was transferred to and undertaken by the Zoological Society of London till 1905, when its compilation was continued in association with the Zoological Section of the "International Catalogue of Scientific Literature" as follows:—

[Continued as:]

— compiled by the Regional Bureaus of the International Catalogue of Scientific Literature; supplemented and arranged for the Zoological Society of London . . . Superintended by D. Sharp. 1906→ Vol. XLIII→ 8°. London, 1908→

ZOOLOGICAL RECORD ASSOCIATION.

[1871 Founded: 1887 Dissolved.]

See ZOOLOGICAL RECORD, *The* [published by the Association], &c. Vol. VII, 1870-XXII, 1885. 8°. 1871-1886.

ZOOLOGICAL SOCIETY OF LONDON.

[Founded 1826.]

Proceedings of the Committee of Science and Correspondence, &c. Pt. I & II. 1830-32.

8°. London [1831-33].

[Continued as:]

Proceedings, &c. Pt. I-XXVIII. 1833-60.

8°. London [1833-61].

For a list of the dates of publication of the parts from 1830 to 1858, See the Proceedings of the Society for 1893, p. 435.

[Continued as:]

Proceedings of the Scientific Meetings, &c. 1861-90.

8°. London, &c. [1861-91].

[Continued as:]

Proceedings of the General Meetings for Scientific Business, &c. 1891→ 8°. London [1891→]

From 1901 to 1905 each annual issue was in two separately-paged volumes; thereafter, though title-pages, contents and index are issued for two volumes, the pagination is continuous for the yearly issue.

- Index. 1830-47. 8°. London, 1866.
- — 1848-60. 8°. London, 1863.
- — 1861-70. 8°. London, 1872.
- — 1871-80. 8°. London, 1882.
- — 1881-90. 8°. London, 1892.
- — 1891-1900. 8°. London, 1902.
- — 1901-10. 8°. London, 1912.

Zoological Society of London.

Reports of the Council, &c. 1833→ 8°. London, 1833→
Wanting those for 1866, 1880, 1886 & 1891.

Zoological Society of London.

Transactions, &c. Vol. I→ 4°. London, (1833-) 1835→
— General Index . . . Vol. I-X. (1835-79). 8°. London, 1881.

Zoological Society of London.

[Abstracts of the Proceedings.] 1867→ 8°. [London, 1867→]

Zoological Society of London.

A Record of the progress of the . . . Society . . . during the Nineteenth Century. Edited by the Secretary [P. L. Sclater]. pp. [vi.] 248: 2 plans. 8°. London, 1901.

Zoological Society of London.

Catalogue of the Library, &c. pp. 44. 8°. London, 1854.

— [Another edition.] (Supplement.) pp. 45, (88). 8°. London, 1854.

— [Second edition.] pp. 155. 8°. London, 1872.

— [Third edition.] pp. 236. 8°. London, 1880.

— — Supplement. Additions, to . . . 1883. pp. 71. 8°. London, 1883.

— Fourth edition. pp. [ii.] 515. 8°. London, 1887.

— Fifth edition. pp. [ii.] 856. 8°. London, 1902.

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Zoological Society of London.

Index Zoologicus (—No. II): an alphabetical list of names of Genera and Subgenera proposed for use in Zoology as recorded in the "Zoological Record" 1880-1900 (—1901-10), together with other names not included in the "Nomenclator Zoologicus" of S. H. Scudder. Compiled (for the . . . Society . . .) by C. O. Waterhouse and edited by D. Sharp. 2 Vol. 8°. London, 1902 (12).
Printed in double column.

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Catalogue of the Mammalia contained in the Museum of the . . . Society, &c. pp. 18. 8°. London, 1828.

— Second edition. pp. 68. 8°. London, 1838.

Some of the copies are interleaved, and have manuscript additions and notes by the compiler, G. R. Waterhouse.

— Supplement, &c. pp. 13. 8°. London, 1839.

Zoological Society of London.

Catalogue of the Animals preserved in the Museum of the . . . Society, &c. pp. 40: text illust. 8°. London, 1829.

Zoological Society of London.

List of the Animals in the Gardens of the . . . Society, with notices respecting them . . . Ninth publication. pp. 46: 1 plan. 8°. London, 1830.

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— Revised List, &c. [Fifth edition.] pp. [vii.] 399: text illust. 8°. London, 1872.

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— Eleventh edition, &c. pp. 112 : 1 plan, text *illustr.*
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&c. [Edited by E. T. Bennett.] 2 Vol. *illustr.*
8°. London, 1830-31.

Zoological Society of London.

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Society . . . By E. W. H. Holdsworth. pp. 50 : text
illustr. 8°. London, 1860.

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Outline of a course of Lectures on the Structure and
Classification of Animals, to be delivered to the members
of the . . . Society . . . 1833, &c. See GRANT (R. E.)
4°. 1833.

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Testaceorum viventium anno 1834 promulgatorum :
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nensis ab anno 1830 editis relata sunt, &c. See MUELLER
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[Sixty-five Manuscript Reports of the Curator of the
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fol. [1836-40.]

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Zoologia typica, or figures of new and rare Mammals
and Birds described in the Proceedings, or exhibited in
the collections of the . . . Society, &c. See FRASER (L.)
fol. 1849.

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Zoological Sketches . . . made for the . . . Society . . .
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ZOOLOGISCH-BOTANISCHER VEREIN IN WIEN.

See VIENNA. — KAISERLICH-KÖNIGLICHE ZOOLOGISCH-
BOTANISCHE GESELLSCHAFT.

ZOOLOGISCHE ANNALEN . . . Herausgegeben von
F. A. A. Meyer. Bd. I.† 1793. pp. xxvi, 412 [4] : 5 pls.
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Zoologische Annalen : Zeitschrift für Geschichte der
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8°. Jena, 1886 →

Bd. I & II have the secondary title : "Zeitschrift für Systematik, Geo-
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Ontogenie der Thiere," and "Abtheilung für Systematik, Geographie
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Bd. XXXI → have a third section added, viz. :—"Abtheilung für allge-
meine Zoologie und Physiologie der Thiere."

— Supplementheft (— Supplement-Band) I → *illustr.*
8°. Jena, 1886 →

Some of these volumes contain only a single memoir.

— Generalregister zu Band I-XX, sowie zu den
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ZOOLOGISCHE STATION IN TRIEST. Ar-
beiten, &c. Tom. I-XX, hft. 2. See VIENNA. — KAISER-
LICH-KÖNIGLICHE UNIVERSITÄT. Arbeiten aus dem
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ZOOLOGISCHE VORTRAEGE, herausgegeben
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1. Die Papagaien (Psittaci). Von W. Marshall. pp. 63 [1] :
1 map (col.) 1889.
2. Die Spechte (Pici). Von W. Marshall. pp. 76 : 1 map (col.) 1889.
- 3 & 4. Leben und Treiben der Ameisen. Von W. Marshall.
pp. 144. 1889.
5. Die grossen Säugetiere der Diluvialzeit. Von H. Pohlig.
pp. [i] 64. 1890.
6. Unsere Schnecken. Von H. Simroth. pp. 72. 1890.
- 7 & 8. Pflanzengallen und Gallentiere. Von K. Eckstein. pp. 88-
4 pls. 1891.
9. Alpentiere im Wechsel der Zeit. Von C. Keller. pp. 43. 1892.
10. Schmarotzertum in der Tierwelt. Von A. Looss. pp. 180. 1892.
11. Altes und Neues aus dem Haushalte des Kuckucks. Von
E. Rey. pp. vii [i] 108 : text *illustr.* 1892.

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von . . . J. V. Carus' (and afterwards) E. Korschelt).
(Zugleich Organ der Deutschen Zoologischen Gesell-
schaft.) Jahrg. I → 8°. Leipzig, 1878 →

— Register . . . Jahrg. I-X. 8°. Leipzig, 1889.

— — Jahrg. XI-XV. 8°. Leipzig, 1893.

— — Jahrg. XVI-XX. 8°. Leipzig, 1899.

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— — Bd. XXVI-XXX und Bibliographia Zoologica,
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— Conducted by E. Newman. Ser. II, vol. I–XI. (= Vol. XXIV–XXXIV.) 8°. London, 1866–76.

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ZOPF (FRIEDRICH WILHELM) [1846–1909] Die Conidienfrüchte von Fumago. pp. 75: 8 pls. (col.) See ACADEMIA CAESAREA LEOPOLDINO-CAROLINA, &c. Nova Acta, &c. Tom. XL, no. 7. 4°. 1878.

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Zopf (F. W.) Zur Morphologie der Spaltpflanzen (Spaltpilze und Spaltalgen). pp. vi, 74: 7 pls. (col.) 4°. Leipzig, 1882.

Zopf (F. W.) Die Spaltpilze. Nach dem neuesten Standpunkte bearbeitet. pp. viii, 100: text illust. 8°. Breslau, 1883.

Extracted from the "Encyklopädie der Naturwissenschaften."

— Dritte . . . Auflage, &c. pp. vi, 127: text illust. 8°. Breslau, 1885.

Zopf (F. W.) Zur Kenntniss der Phycomyceten. I. Zur Morphologie und Biologie der Ancylisteen und Chytridiaceen, zugleich ein Beitrag zur Phytopathologie. pp. 96: 10 pls. See ACADEMIA CAESAREA LEOPOLDINO-CAROLINA, &c. Nova Acta, &c. Tom. XLVII, no. 4. 4°. 1884 (1885).

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Zopf (F. W.) Untersuchungen über die durch parasitische Pilze hervorgerufenen Krankheiten der Flechten. 2 Pt. See ACADEMIA CAESAREA LEOPOLDINO-CAROLINA, &c. Nova Acta, &c. Tom. LXX, no. 2 & 4. 4°. 1897–98.

Zopf (F. W.) Die Flechtenstoffe in chemischer, botanischer, pharmakologischer und technischer Beziehung. pp. xi, 450: text illust. 8°. Jena, 1907.

ZOPPI (G.) Descrizione geologico-mineraria dell'Iglesiente (Sardegna), &c. pp. xii, 154: 8 pls., text illust., 1 map col. Atlas, 30 pls. (1 col.) See ITALY.—*Reale Comitato Geologico*. Memorie descrittive della Carta Geologica d'Italia. Vol. iv. 8°. 1888.

ZORGDRAGER (CORNELIUS GISBERT) [c. 1650–170–] C. G. Zorgdragers Bloeyende opkomst der aloude en hedendaagsche Groenlandsche Visscherey . . . Uitgebreid met eene korte historische beschryving der noordere gewesten . . . Met byvoeging van de Walvischvangst . . . door A. Moubach, &c. pp. [xxxiv.] 330 [13]: 7 pls., 6 maps, engr. title. 4°. Amsterdam, 1720.

Zorgdrager (C. G.) C. G. Zorgdragers alte und neue Grönländische Fischerei und Wallfischfang mit einer kurzen historischen Beschreibung von Grönland . . . ausgefertigt durch A. Moubach. Zu Ende ist allhier beigefügt eine summarische Nachricht von dem Bakeljaun- und Stockfischfang bei Terre-neuf (in den nördlichen Theilen von America, aus den Schriften des Herrn Denys gezogen). Aus dem Holländischen übersetzt. pp. [xxvi.] 482 [15]: 7 pls., 6 maps, engr. title. 4°. Leipzig, 1723.

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Zorn (B.) Botanologia Medica. Seu . . . manu ductio ad Plantarum et Stirpium . . . in officinis Pharmaceuticis usitatarum cognitionem. Oder: Kurtze Anweisung, wie diejenigen Kräuter und Gewächse, welche in der Artzney gebräuchlich, und in den Apotheken befindlich, zu des Menschen Nutzen und Erhaltung guter Gesundheit können angewendet werden, &c. pp. [vi.] 741 [35]: 6 pls. 4°. Berlin, 1714.

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[1750 Founded by the *Naturforschende Gesellschaft*. It was taken over by the Government in 1834 and is now attached to the *Universität*. For publications referring to this Garden, See infra, under those two institutions.]

ZURICH.—*Eidgenoessisches Polytechnikum.*

[Founded 1848.]

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ZURICH.—*Naturforschende Gesellschaft.*

[Founded 1746.]

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ZÜRICH.—Thierarzneischule. [Founded 1834.]

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Printed in double column.

This is based on Verzascha's edition of Mattioli's "Kreüterbuch," but so much altered and extended as practically to constitute a new work.

— [Another edition entitled:] T. Zuingeri . . . Theatrum Botanicum . . . neue übersehen . . . und . . . vermehret durch F. Zwinger, &c. pp. [x.] 1216 [54] : 1 port., text illust. fol. Basel, 1744.

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